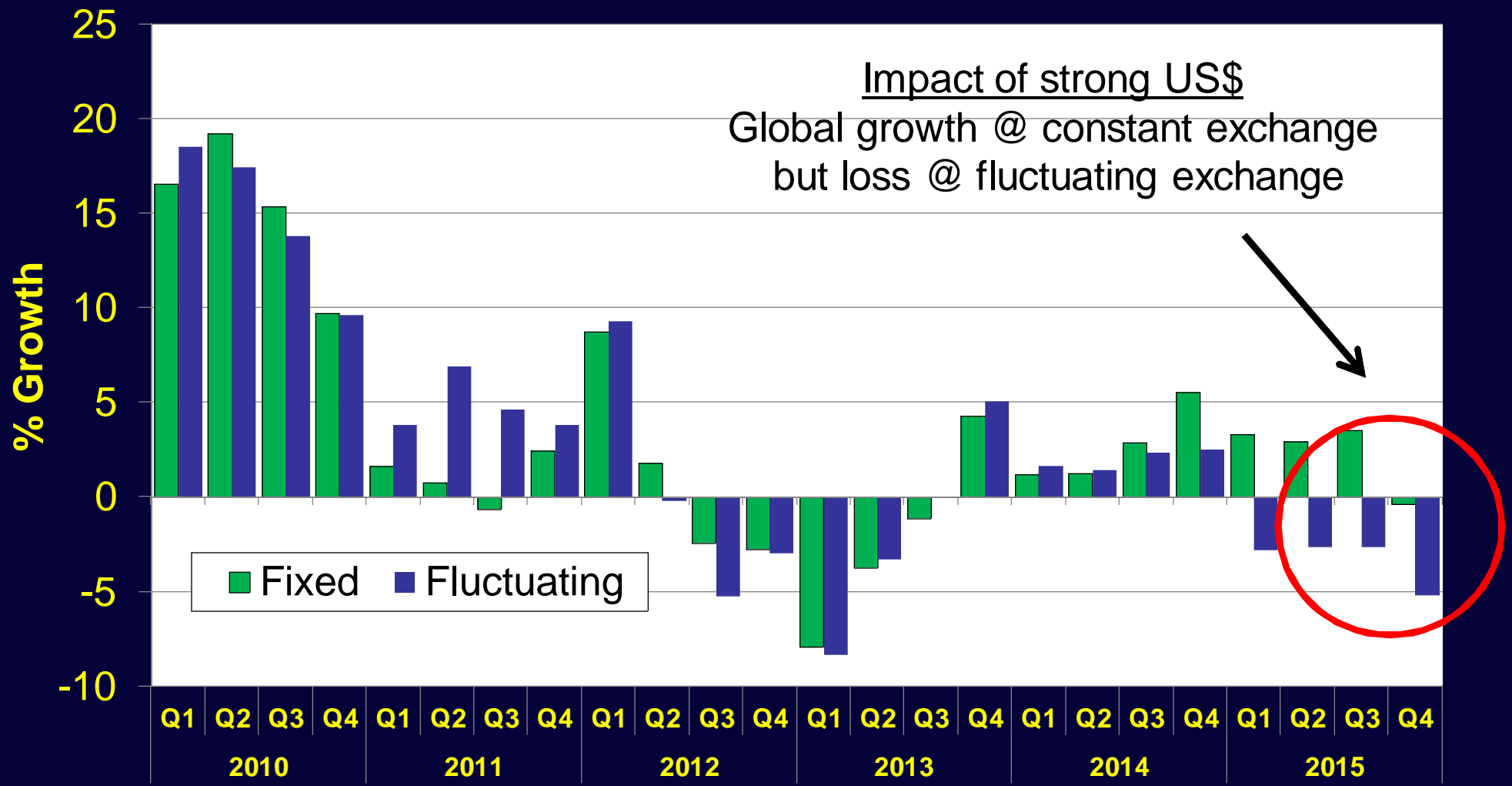


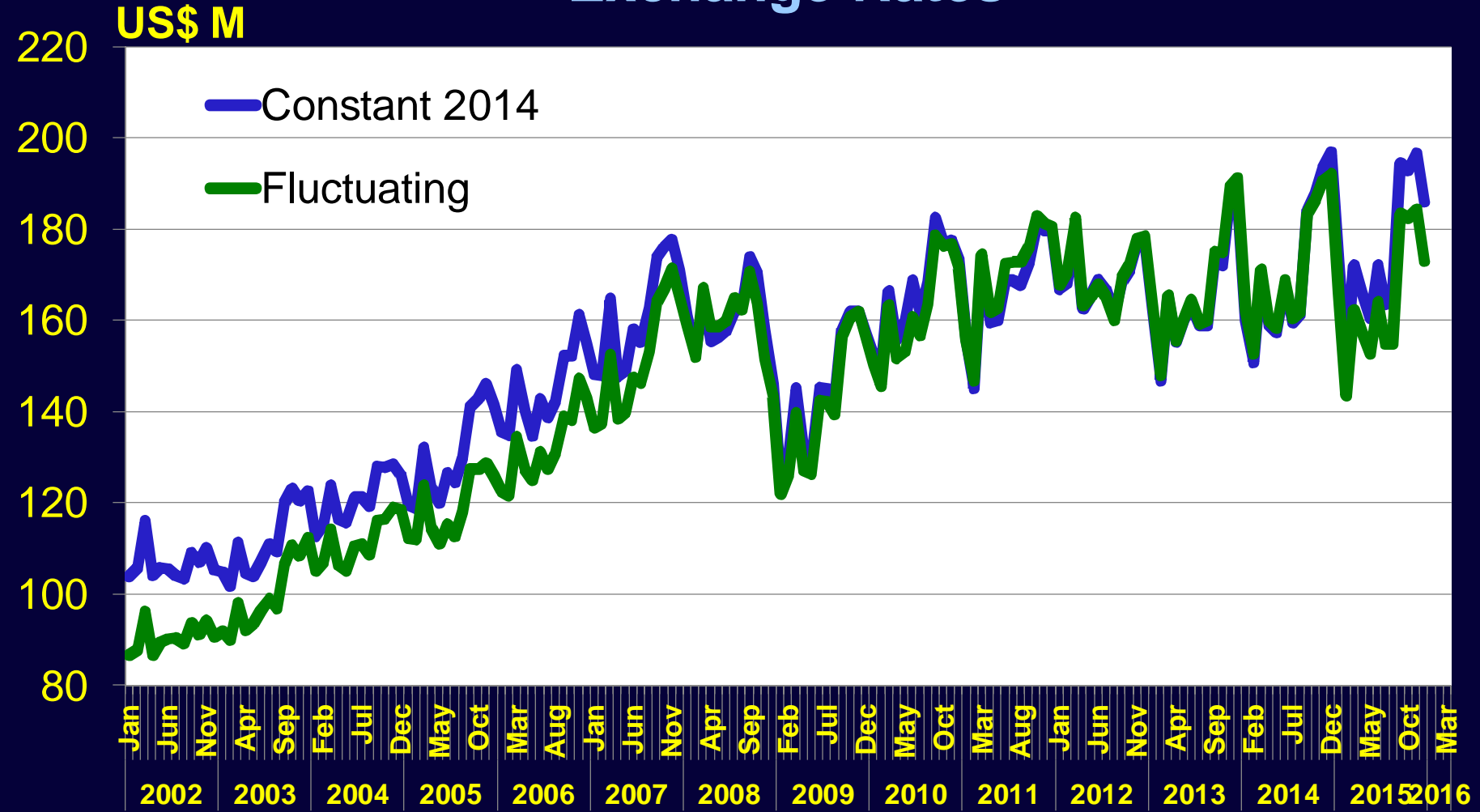
Exchange Rate Impact on US\$ Denominated Consolidated World Electronic Equipment Sales

Quarterly Revenue Growth Converted to US\$ @ Fixed 2014 vs Fluctuating Exchange



World Electronic Equipment Monthly Shipments

Converted @ Constant 2014 vs Fluctuating Exchange Rates



World Electronic Equipment Monthly Shipments

Converted @ Fluctuating Exchange Rates

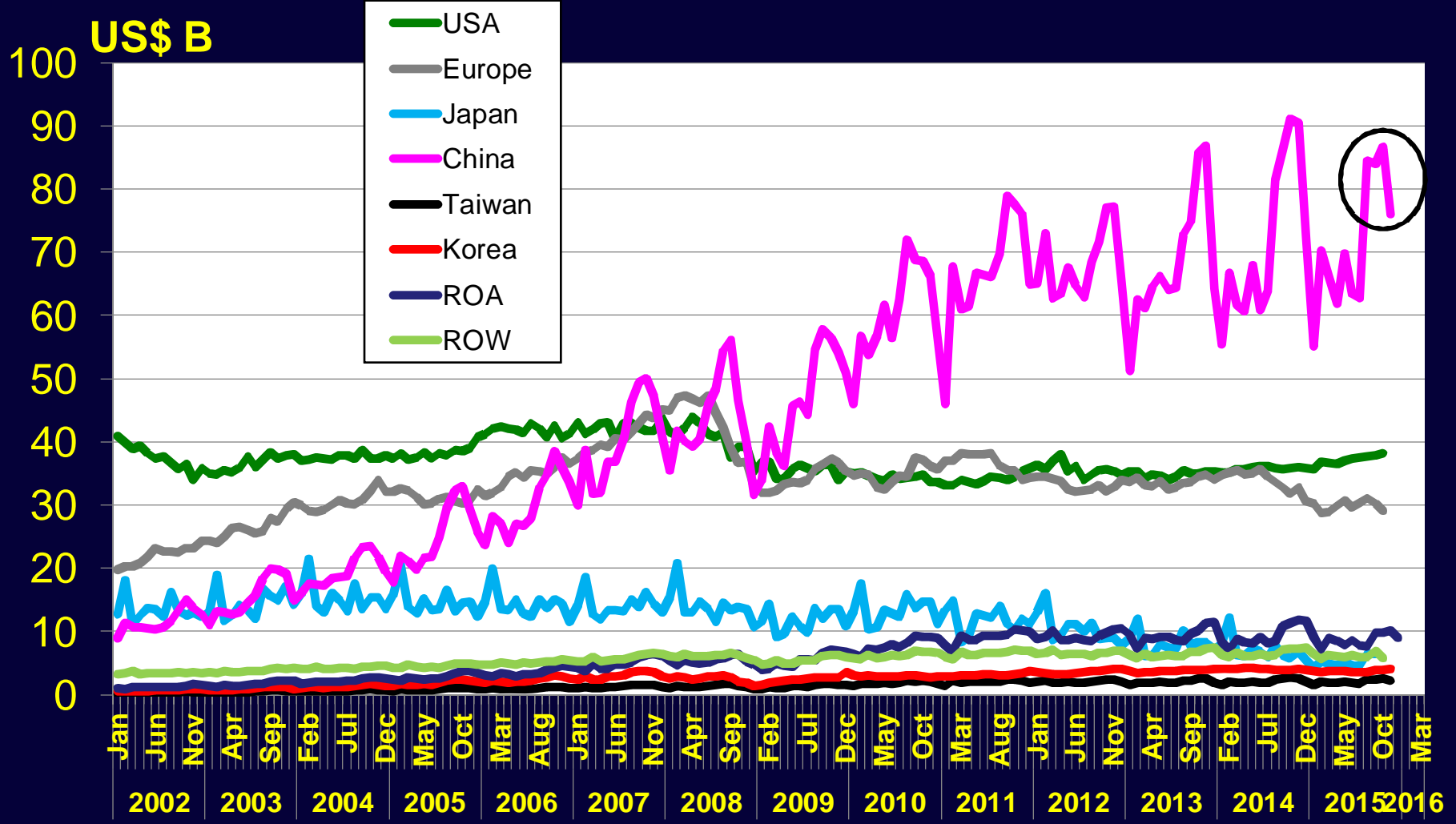
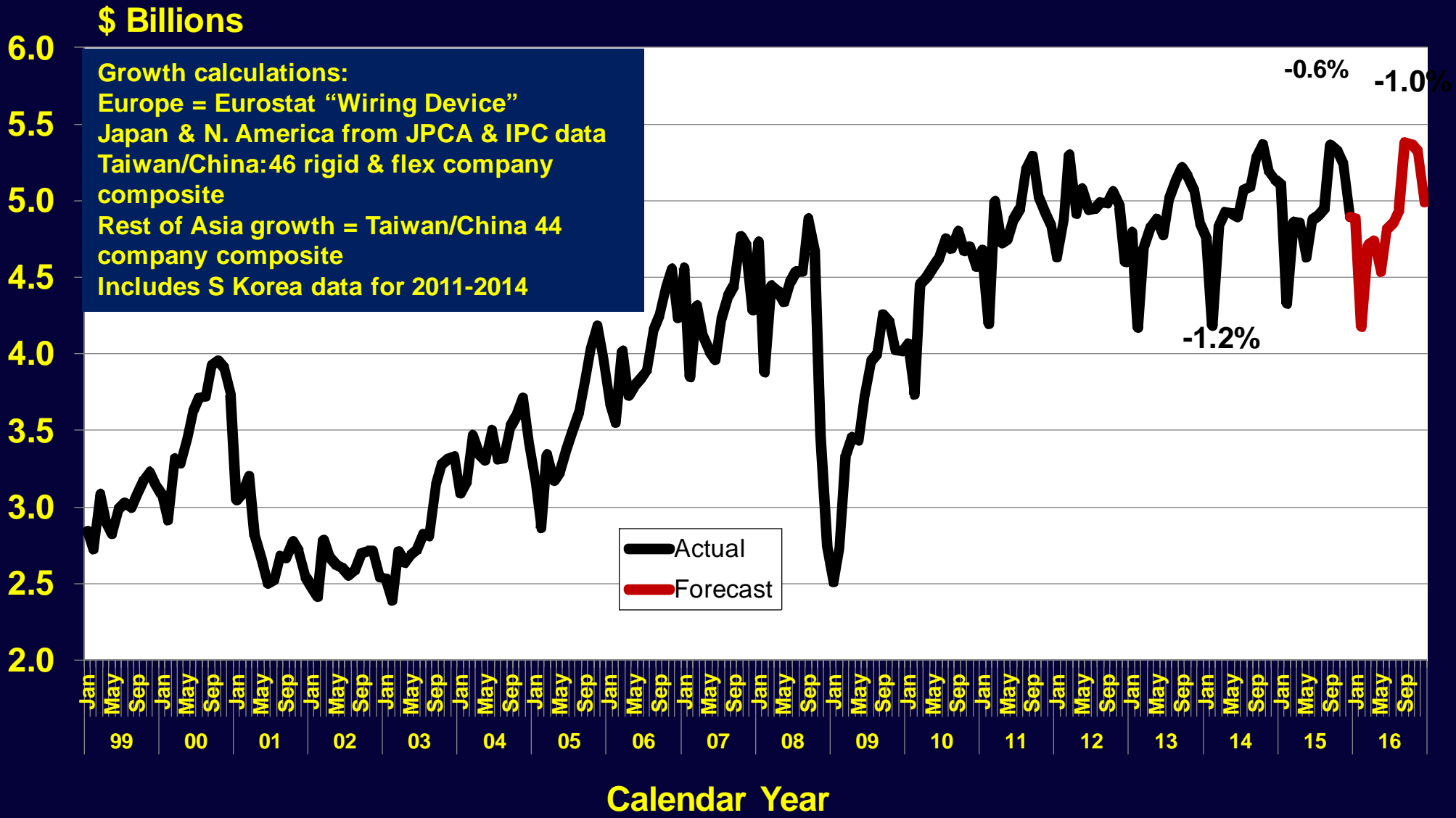


Chart 4

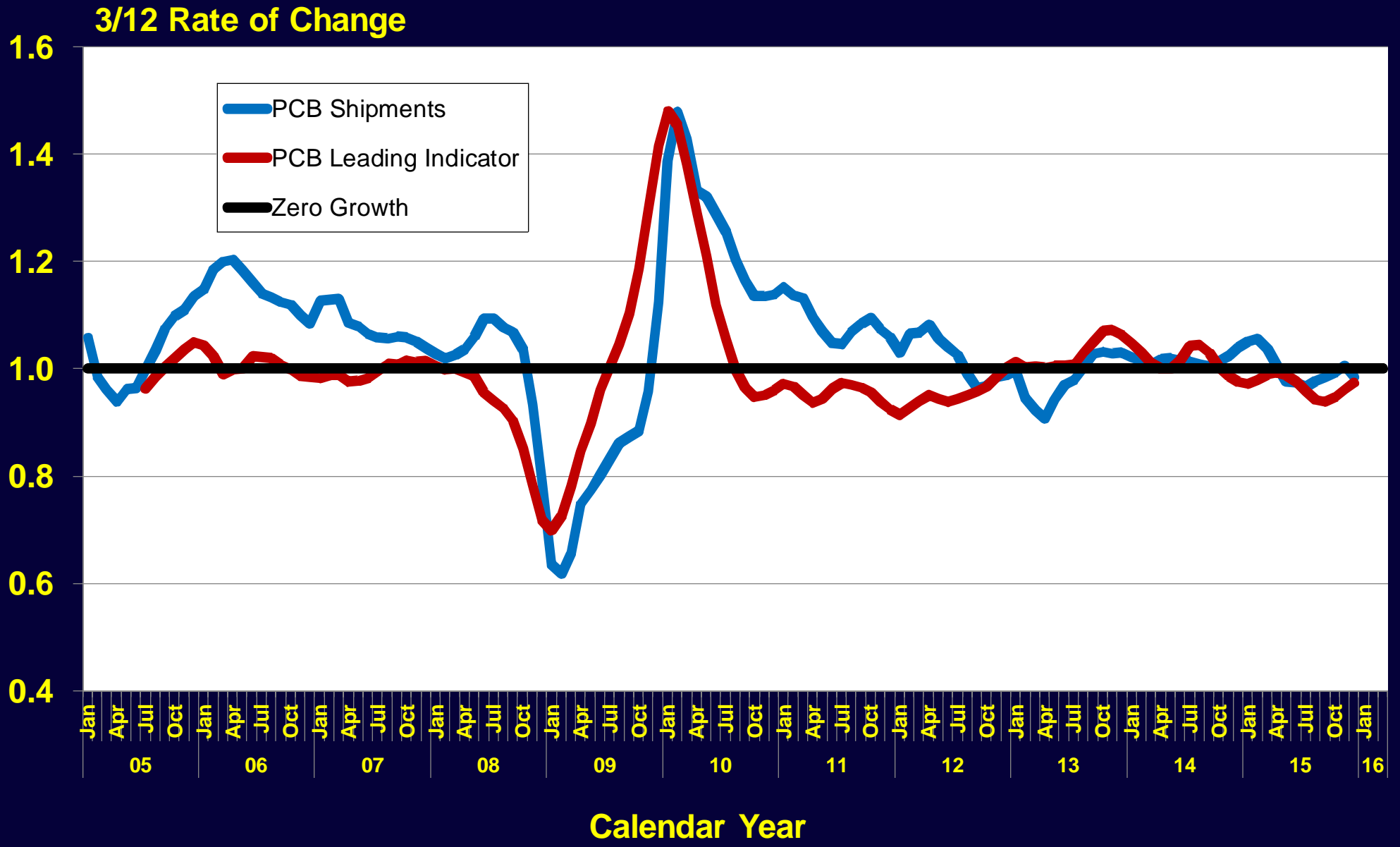
World PCB Shipments (with forecast) Converted @ Fluctuating Exchange Rates



Source: Custer Consulting Group - 2010 base year expanded by monthly growth of N. American, European, Japanese, Korean & Taiwan/China monthly PCB shipments

Chart 5

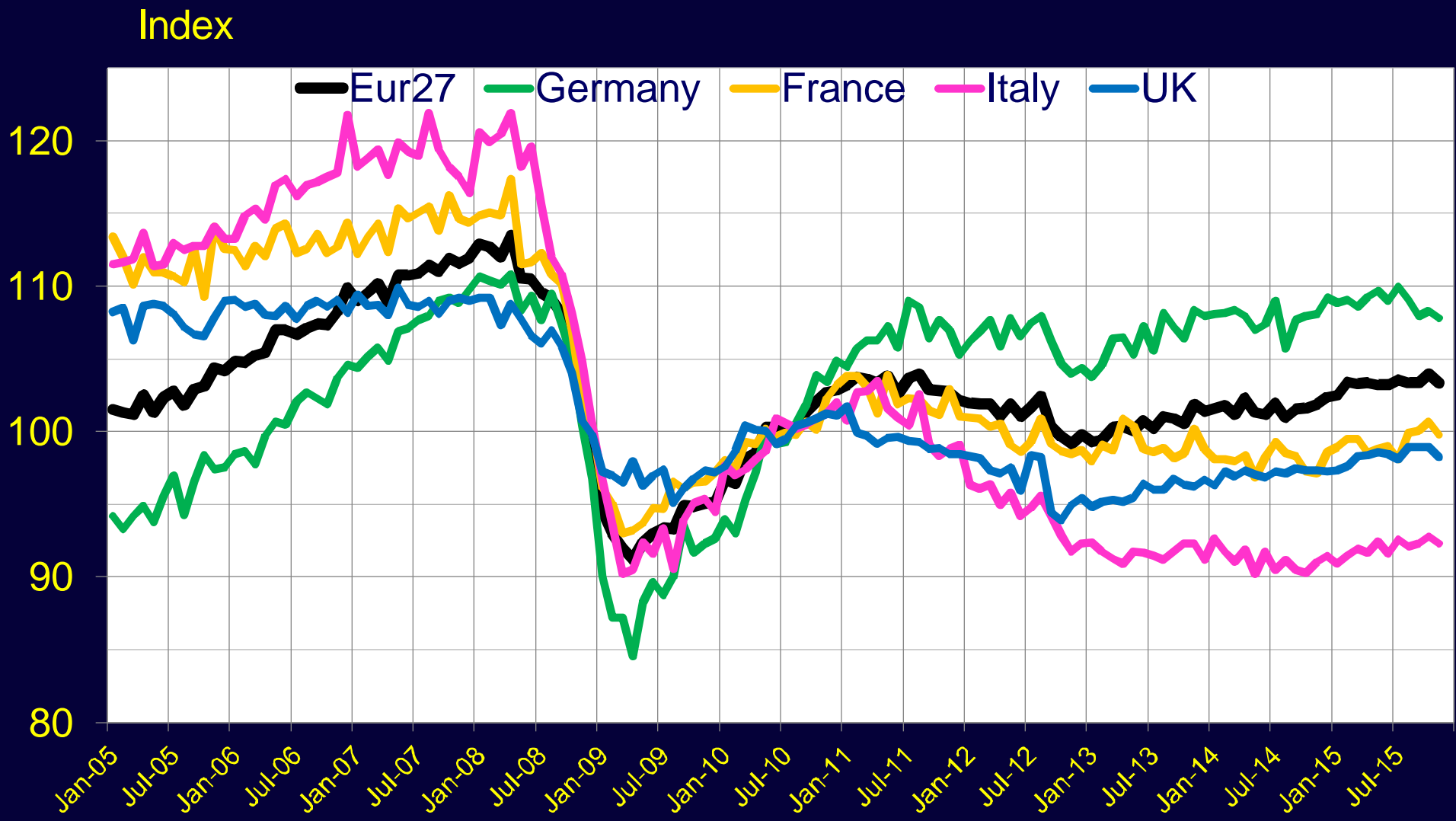
CCG Global PCB Leading Indicator vs. Global PCB Shipments @ Fluctuating Exchange



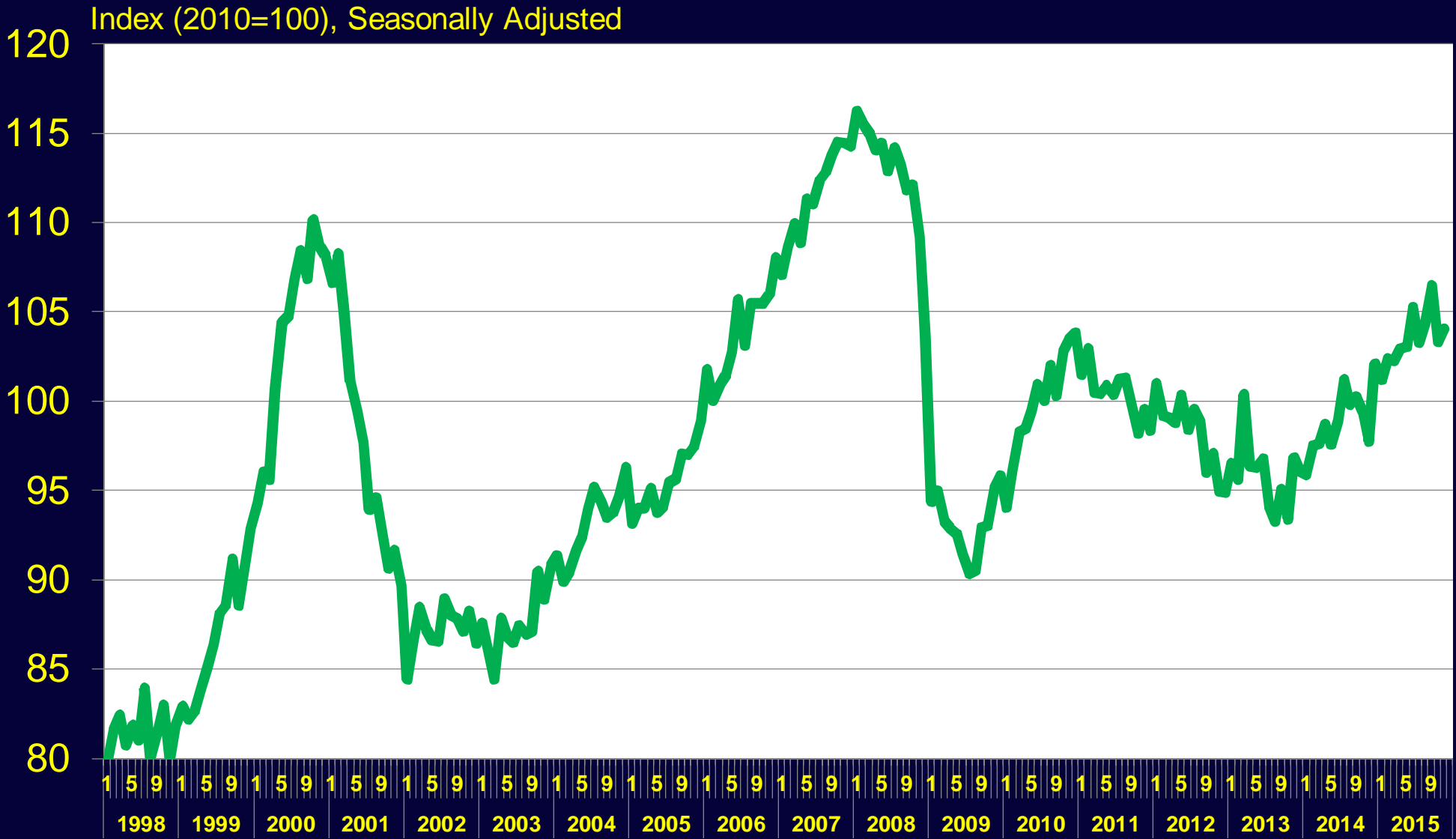
Source: Custer Consulting Group

Industrial Production - Europe

Index (2010 Avg. Month = 100, Seasonally Adjusted)



European Computer, Electronic & Optical Products Production



Europe- EU27

Manufacture of computer, electronic & optical products 12/12 & 3/12 Rate of Change

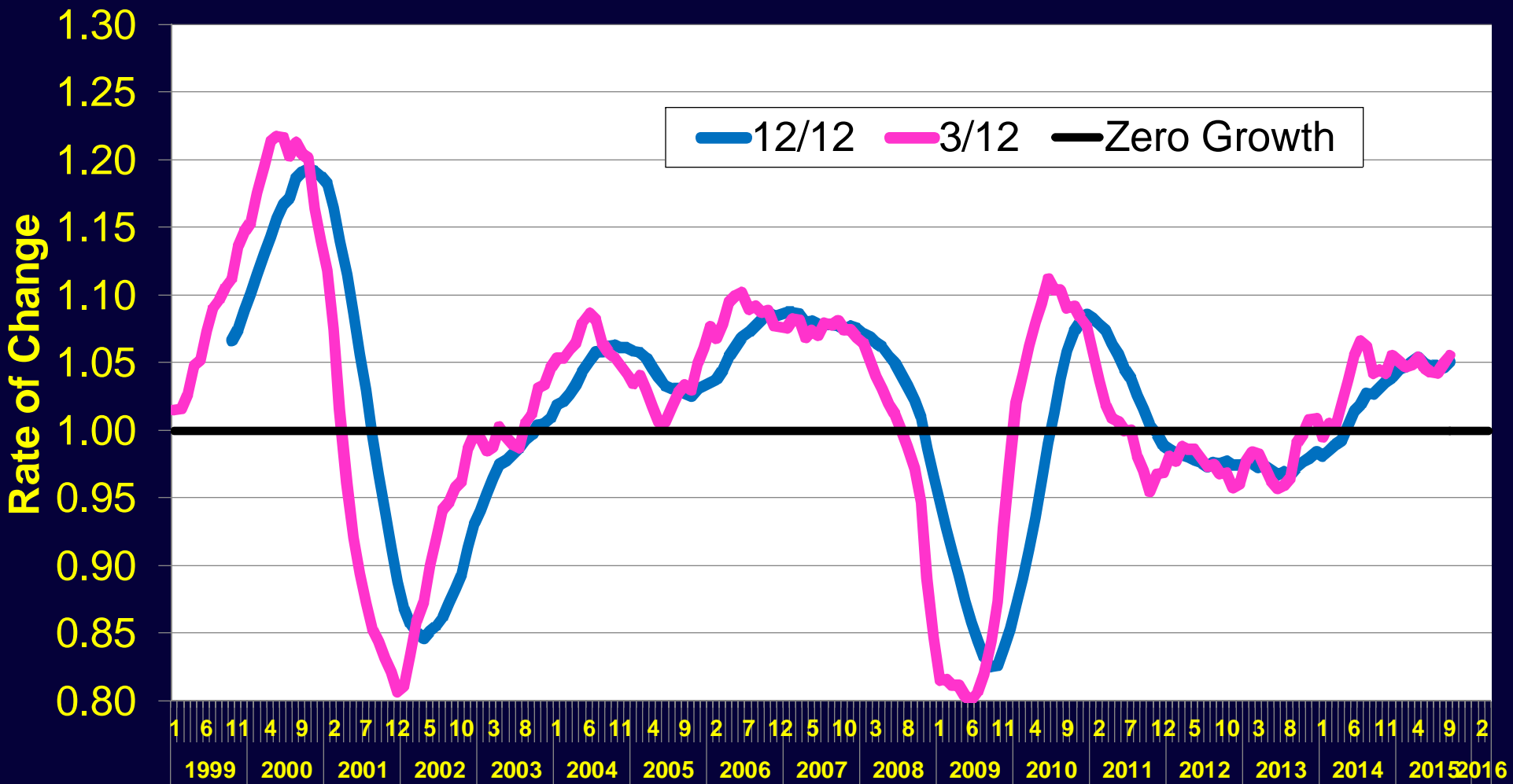
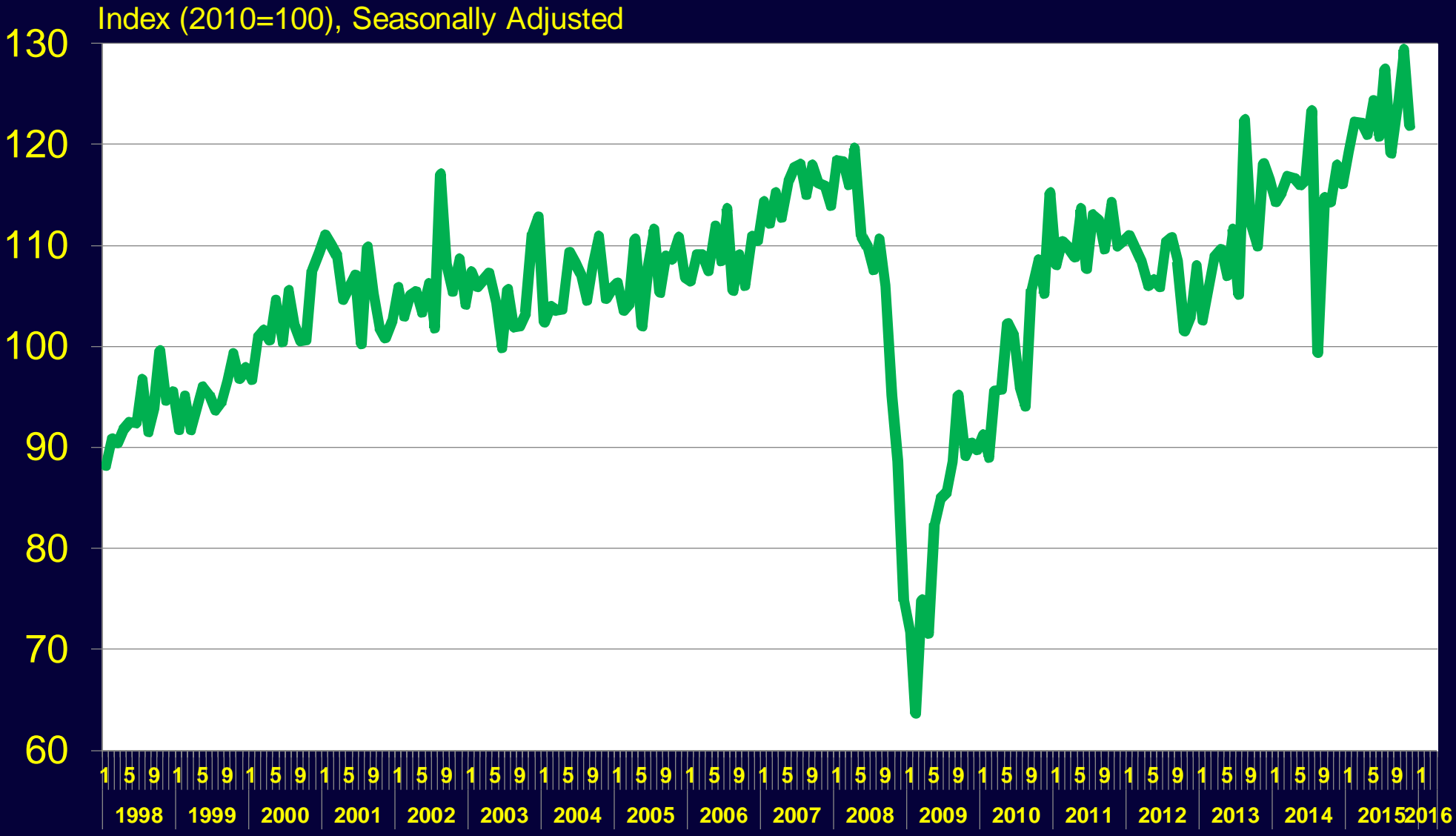


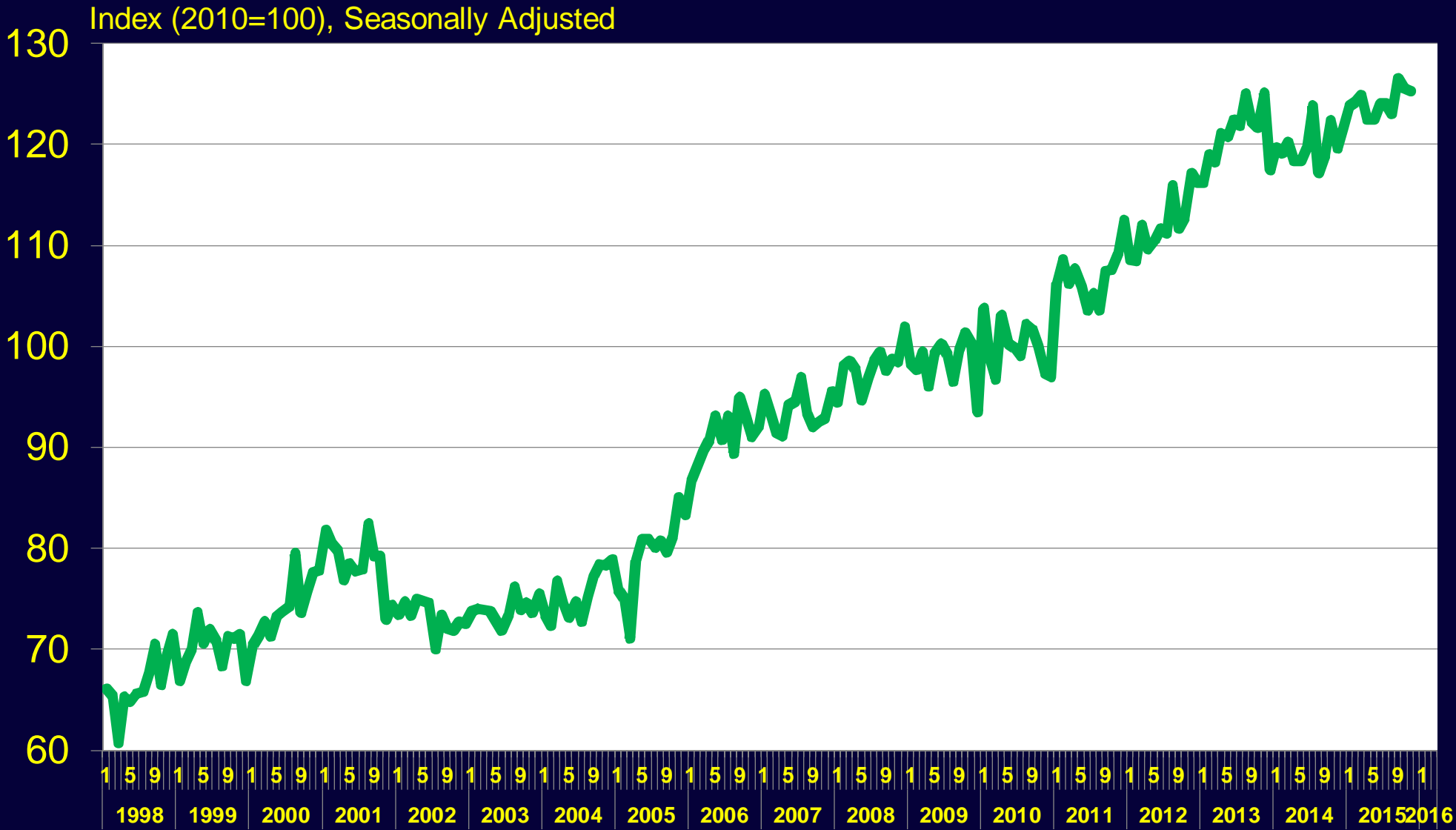
Chart 9

European Motor Vehicle Production



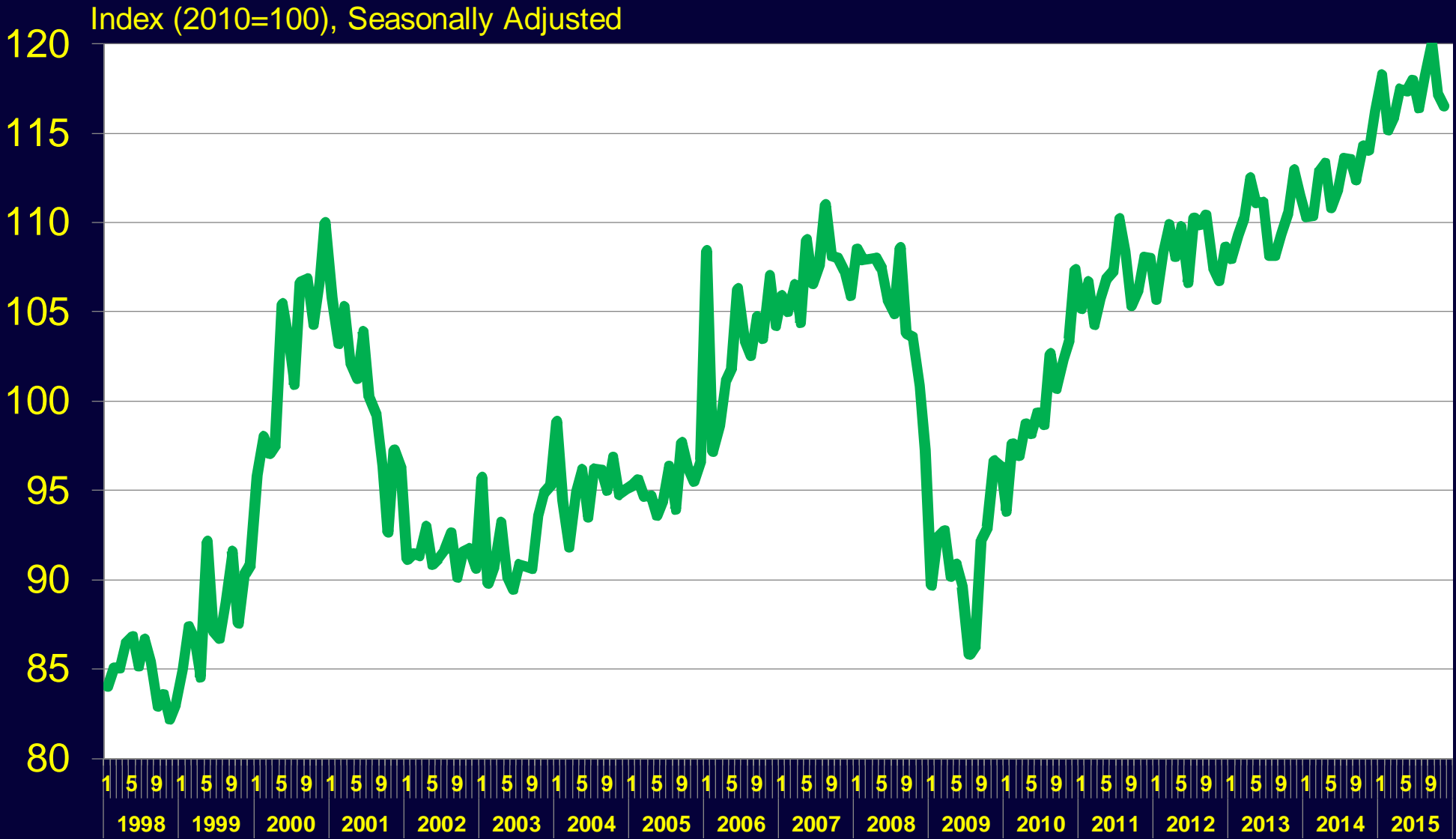
Eurostat, C291 category, EU 27 countries

Chart 10 European Production - Aircraft, Spacecraft & Related Equipment



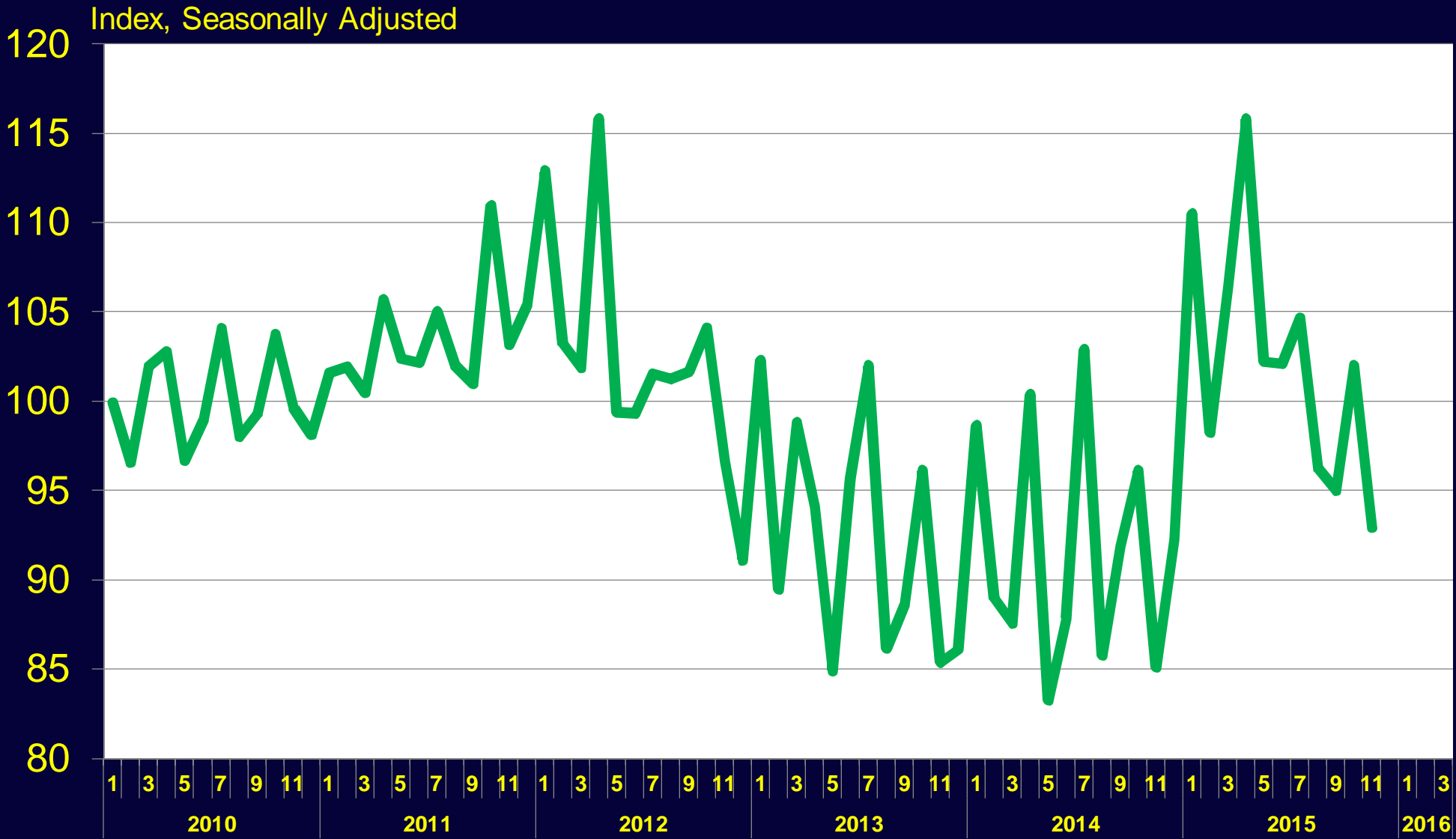
Eurostat, C303 category, EU 27 countries

Chart 11 European Production - Instruments & Appliances for Measuring, Testing & Navigation



Eurostat, C2651 category, EU 27 countries

Chart 12 European Production - Irradiation, Electromedical & Electrotherapeutic Equipment



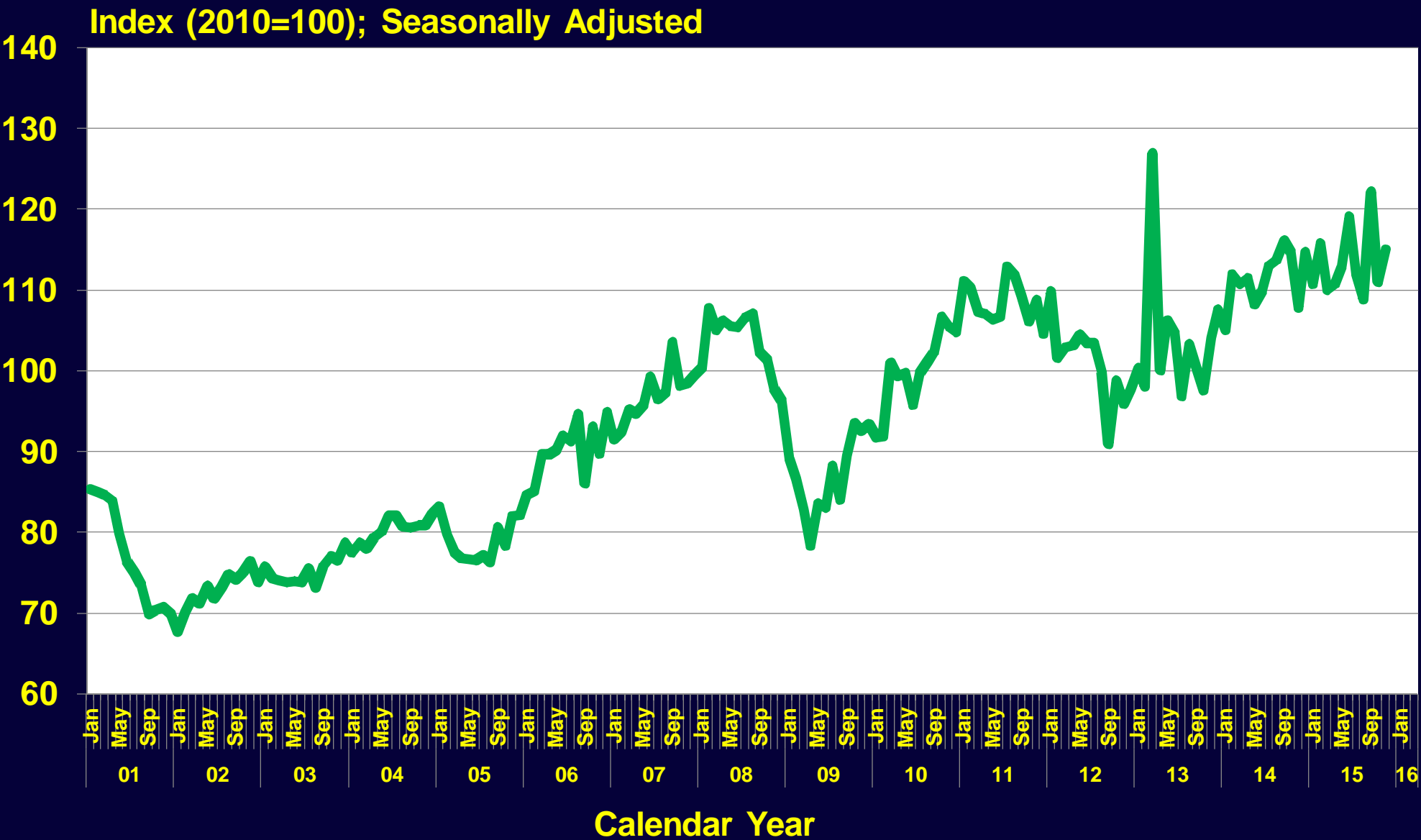
Eurostat, C266 category, EU 27 countries

European Loaded Electronic Board Production



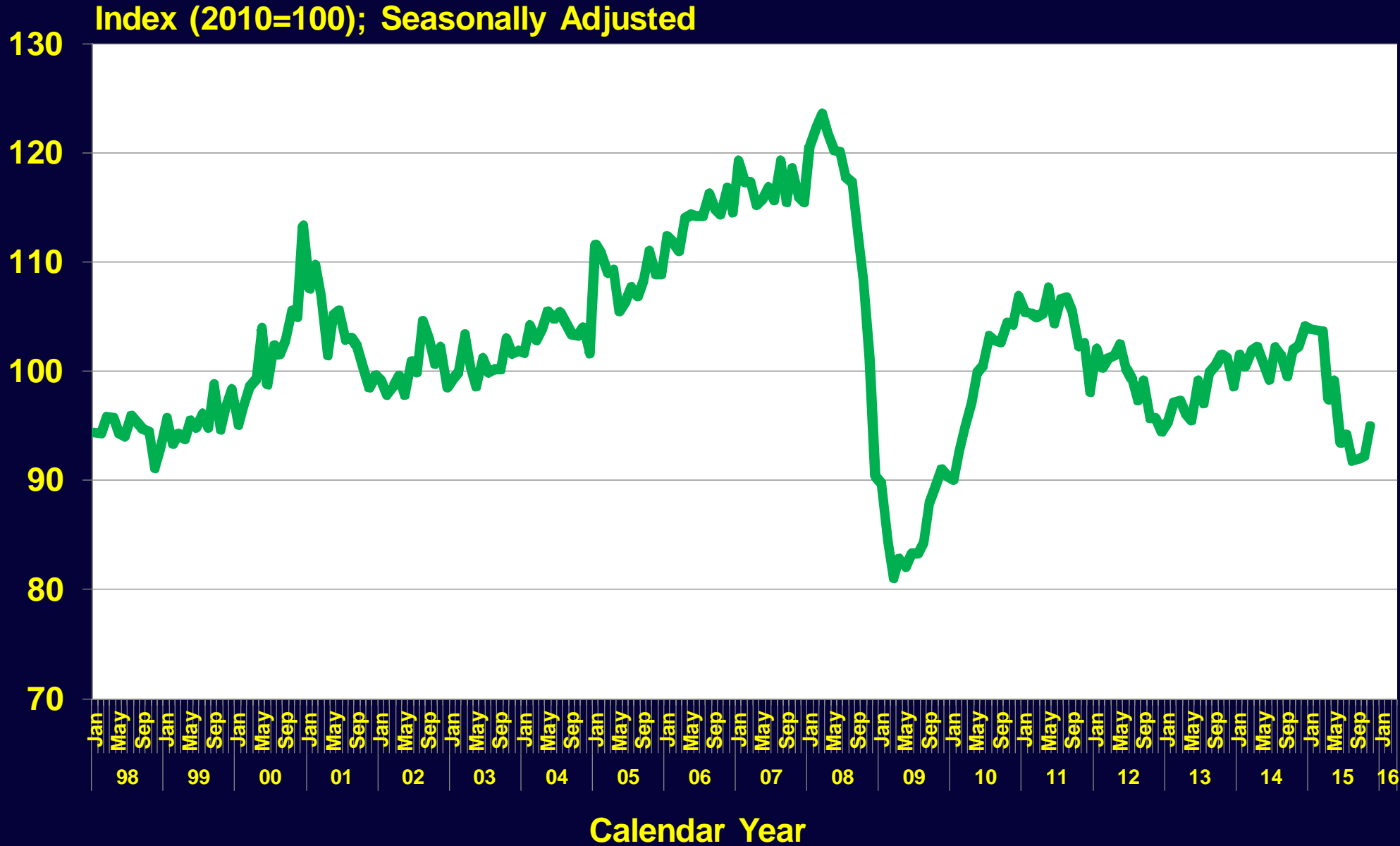
Chart 14

European Electronic Components & Board Production

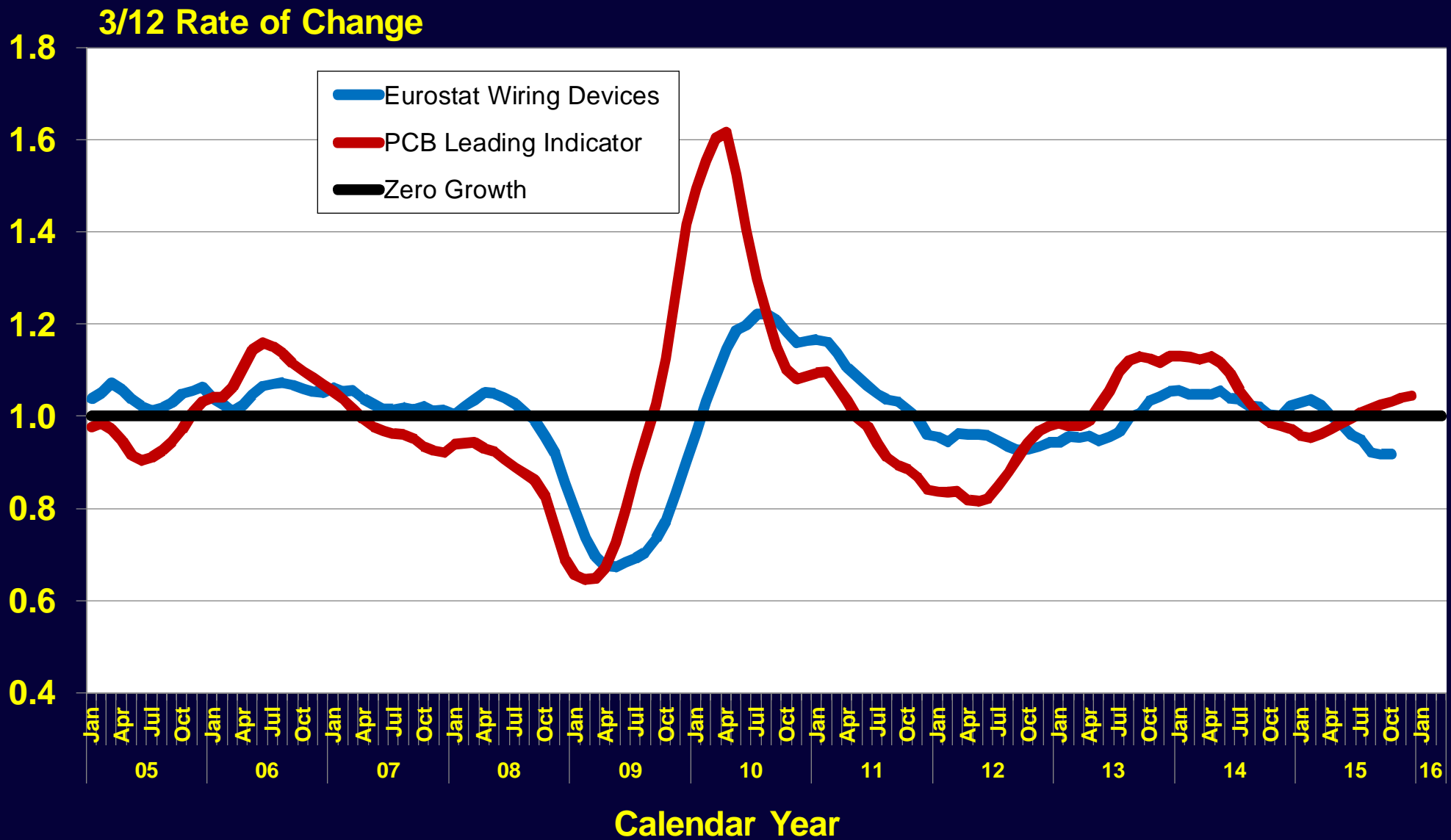


Eurostat

European Electronic Wiring Devices

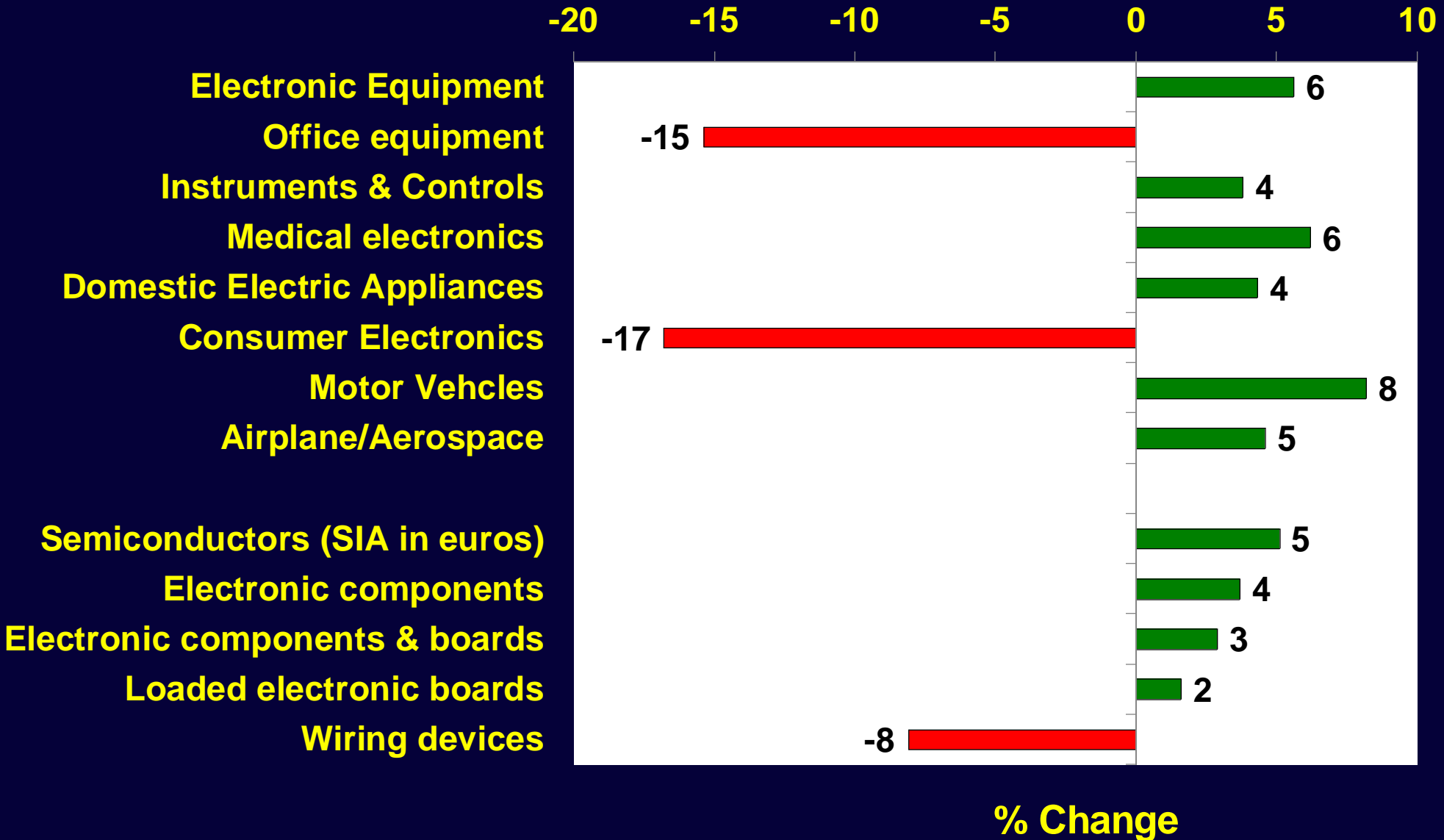


Europe PMI Leading Indicator vs. Europe Wiring Devices



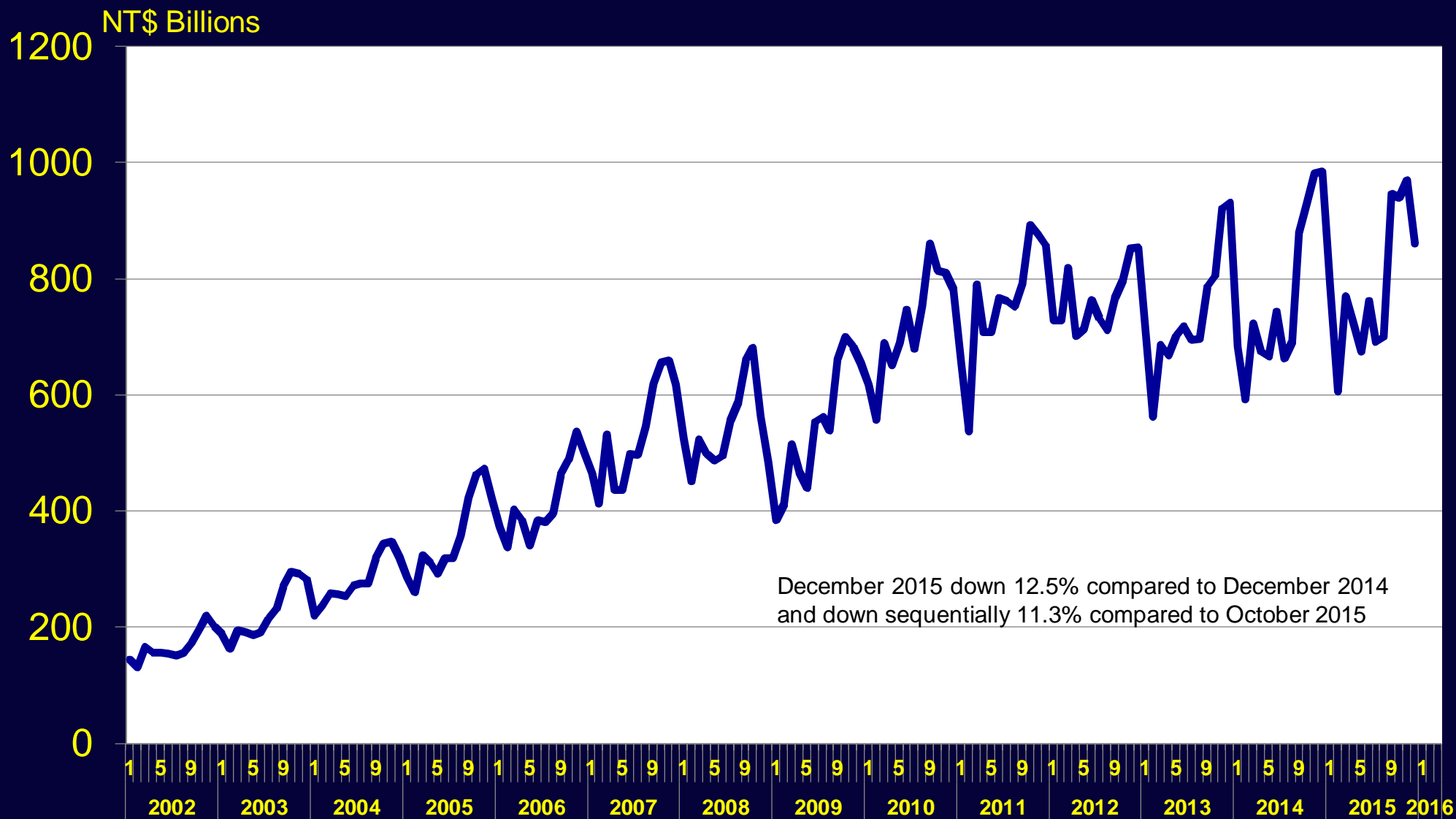
Source: Custer Consulting Group

European Electronic Supply Chain Growth Sep-Nov'15 vs Sep-Nov'14



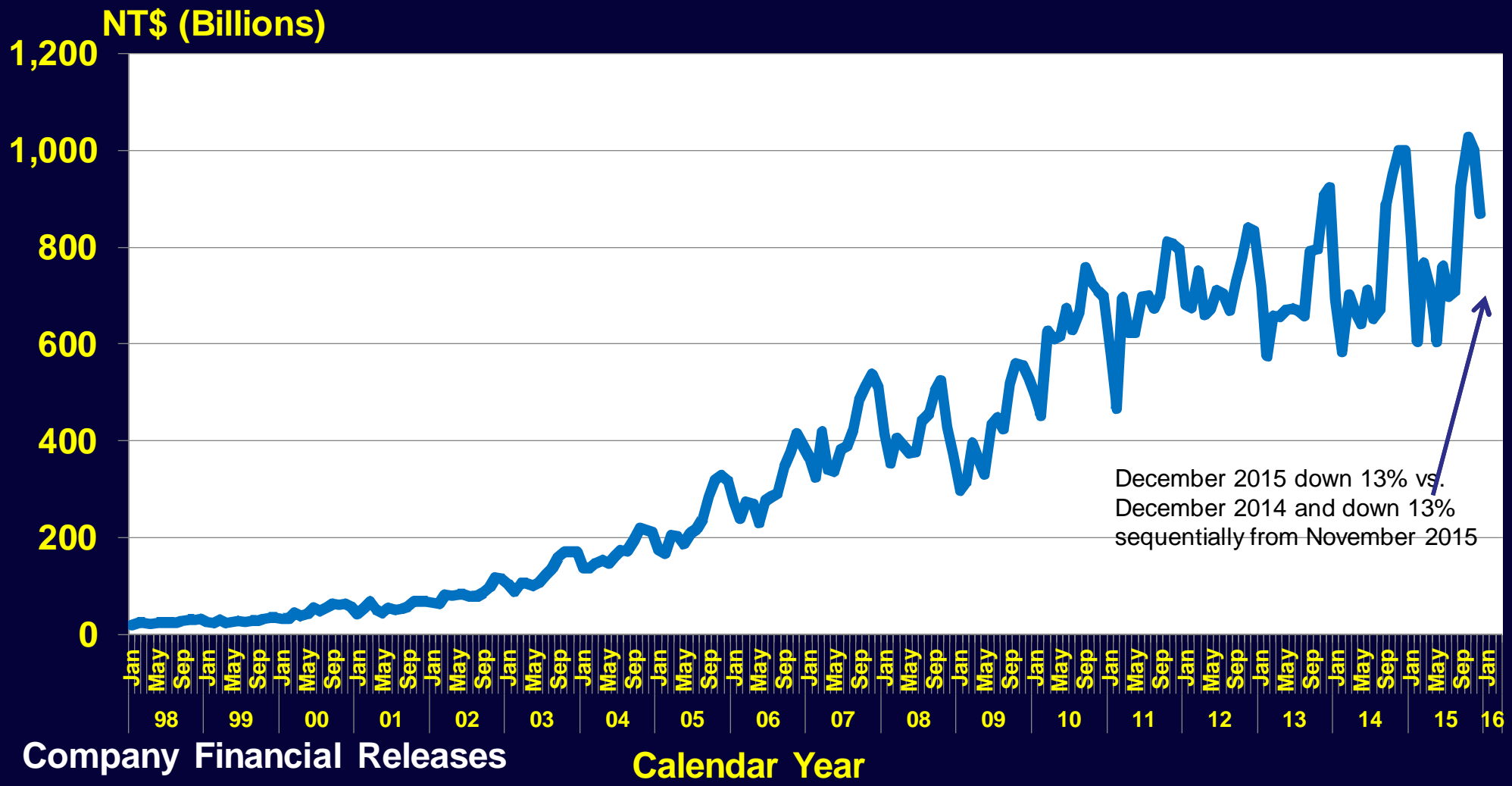
Taiwan/China Electronic Equipment Producers Composite of 101 Manufacturers Consolidated Revenue

Chart 18



Taiwan listed companies, often with significant manufacturing in China

Taiwan ODM Companies Composite Sales of 11 Large Manufacturers

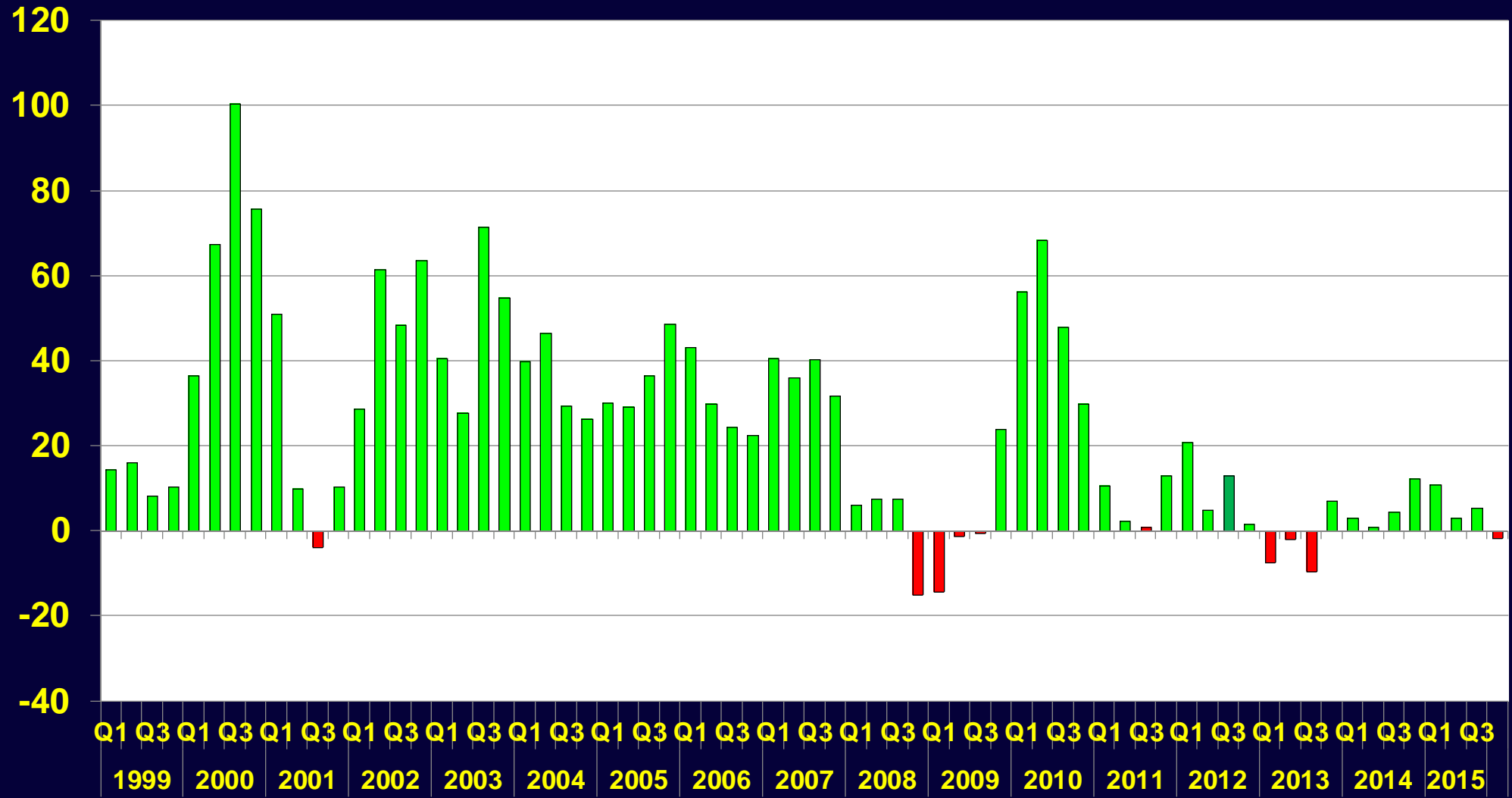


Asustek Computer, Chei Mei, Compal Electronics, Foxconn, Chimei Innolux, Inventec, Inventec Appliance, Lite On Technology, Mitac International, Pegatron, Quanta Computer, Wistron, Chei Mei Display replacing Chei Mei & Innolux Display 3/10 & later

Large ODM Companies

Composite of 10 Public Manufacturers

Quarterly Revenue Growth



Asustek Computer, Compal Electronics, Foxconn, Chimei Innolux, Inventec, Inventec Appliance, Lite On Technology, Mitac International, Pegatron, Quanta Computer, Wistron

Large Taiwan ODM Providers

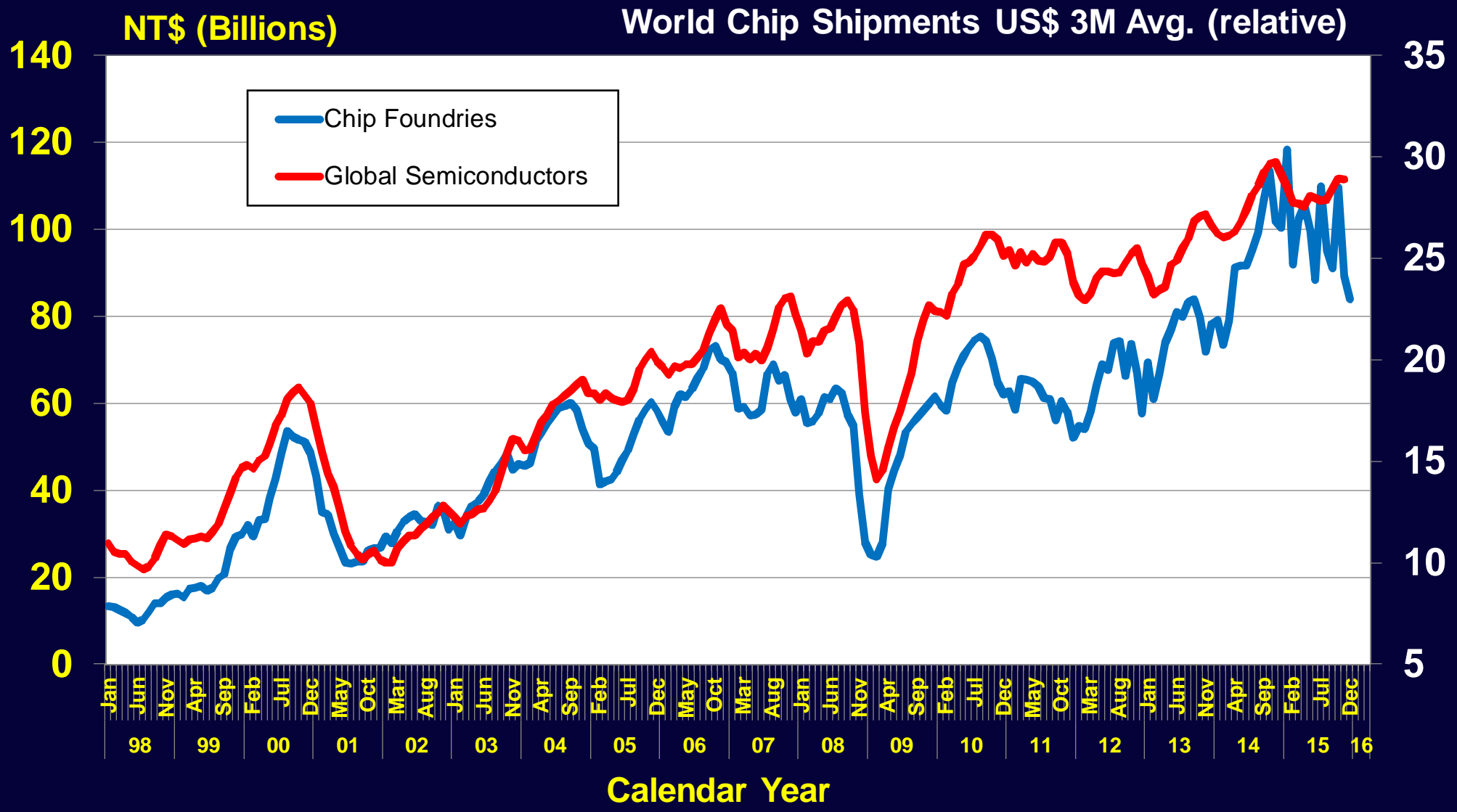
2014 vs. 2015 Sales (\$M)

	<u>2014</u>	<u>2015</u>	<u>2015/2014 Growth %</u>
Foxconn (Hon Hai)	139,032	141,202	+1.6%
Pegatron	33,632	38,224	+13.7%
Quanta Computer	30,566	31,726	+3.8%
Compal Electronics	27,909	26,685	-4.4%
Wistron	19,534	19,631	+0.5%
Asustek Computer	15,747	14,875	-5.5%
Inventec	14,376	12,456	-13.4%
Chimei Innolux	14,145	11,469	-18.9%
Lite On Technology	7,611	6,828	-10.3%
Total	302,551	303,094	+0.2%

Source: Company data, NT\$ converted at constant avg 2015 exchange (31.75 NT\$ = 1US\$)
Consolidated company sales

Chart 22

Taiwan Wafer Foundry Composite vs. Global Semiconductor Revenues



14 Taiwan Company Financial Releases & SIA

Taiwan Package & Test Companies Composite of 20 Manufacturers



ASE, Ardentec, ChipMOS Tech, Chipbond Tech, E'dale Tech, Formosa, Advance Tech, Fupo Elec, Greatek Elec, International Semiconductor Tech, King Yuan Elec, Lingsen Precision, Orient Semiconductor, Powertech Tech, Signality System, Sigurg Microelectronics, SPIL, Thalín Semiconductor, Vate Tech, Walton Advanced Tech

Taiwan Memory Companies Composite of 8 Manufacturers



Silicon Integrated Systems, Inotera Memories, Macronix Intl, Mosel Vitelic, NanYa Tech, Powerchip Semiconductor, ProMOS, Winbond Elec

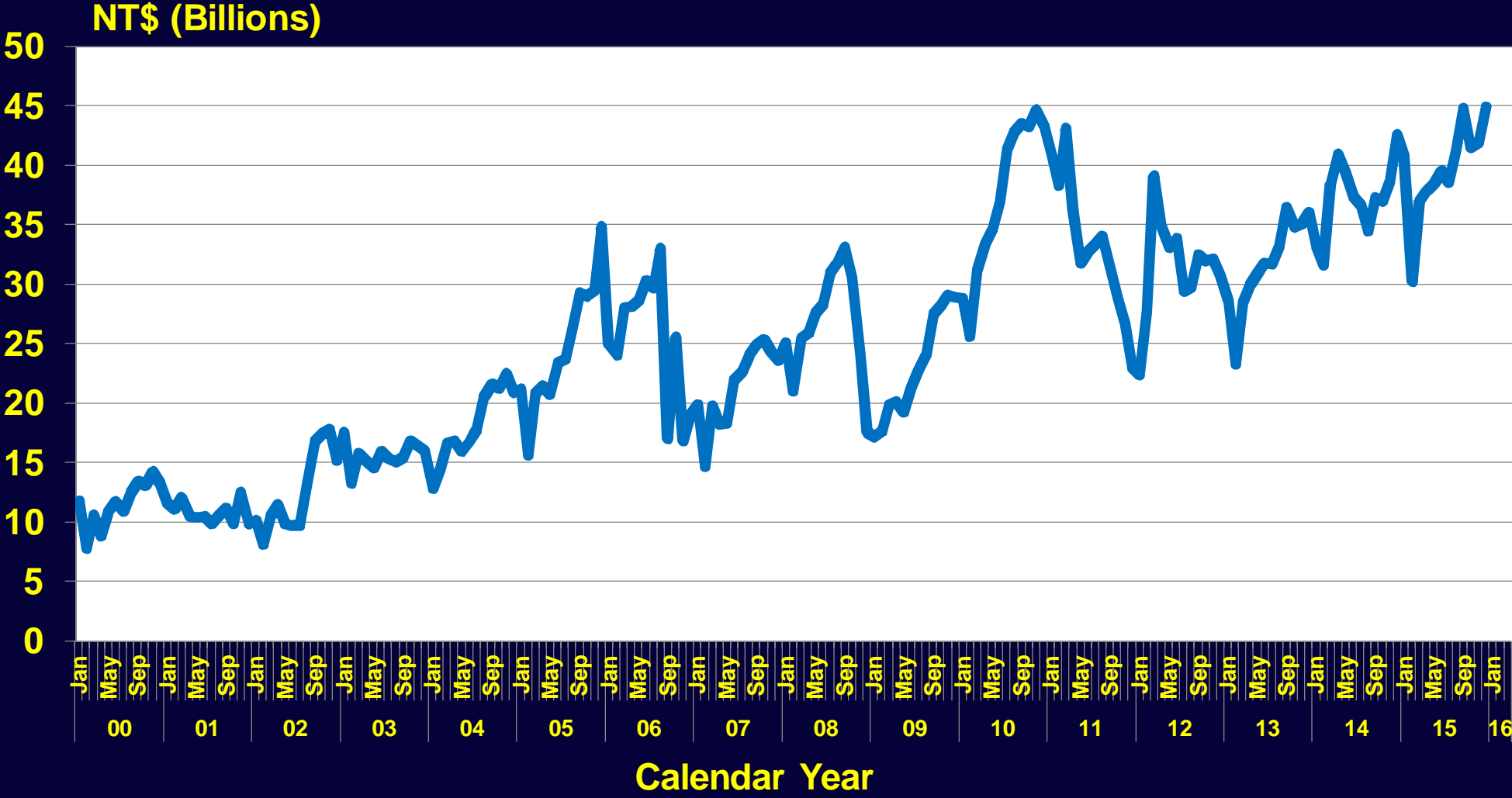
Chart 25

Taiwan Passive Component Companies Composite Sales of 25 Manufacturers



Chilsin Electronics, Cyntec, (FCE) Feei Cheng Enterprise, Holy Stone Enterprise, 3H (Honey Hope Honesty Enterprise), HJC (Hua Jung Components), Inpaq, Jaan Chem Technological, Kaimei Electronic, King Core Electronics, Laser Tek, Leatec Fine Ceramics, Lelon Electronics, Linton Technology, PTTC (Polytronics Technology Corp), PDC (Prosperity Dielectrics Co), Ralec Electronic, Ta-I Technology, Taiwan Alpha Electronic, Team Young Advanced Ceramics, Teapo Electronic, Thinking Electronic Industrial, WTC (Walsin Technology Corp), Yageo, YCTC (Yeh-Chiang Technology Corp)

Taiwan Solar/Photovoltaic Panel Companies Composite of 27 Manufacturers

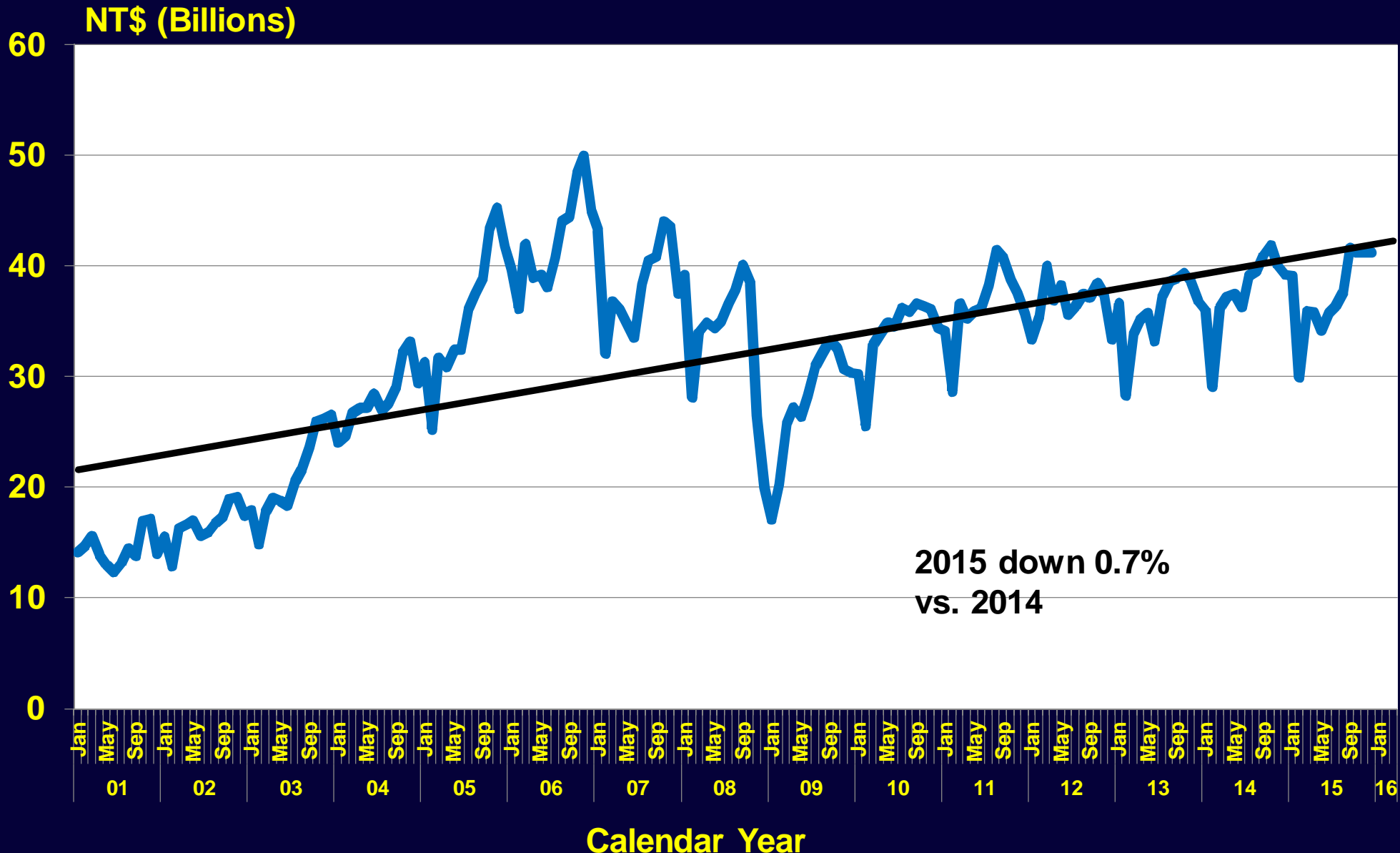


Acter, Big Sun Energy Technology, Chen Full Intl, Danen Technology, Daxon Technology, DeISolar, Delta Electronics, e_TON Solar Tec, Invetec Group, Eversol, Gigasolar materials, Gintech, Green Energy Technology (GET), Higher Way Elec, Kenmec Mechanical, Ligitek, Motech, Neo Solar Power, Phoenixtec Power Co (PPC), Powermate, Precision Silicon, Sino-American Silicon Products (SAS), Solar Applied Materials Technology, Solartech Energy Corp, Sunrise Global Solar Energy, Sysgration, Tainenergy Tech, Tera Autotec, Tyntek, Wafer Works, Wholetech System Hitech

Chart 27

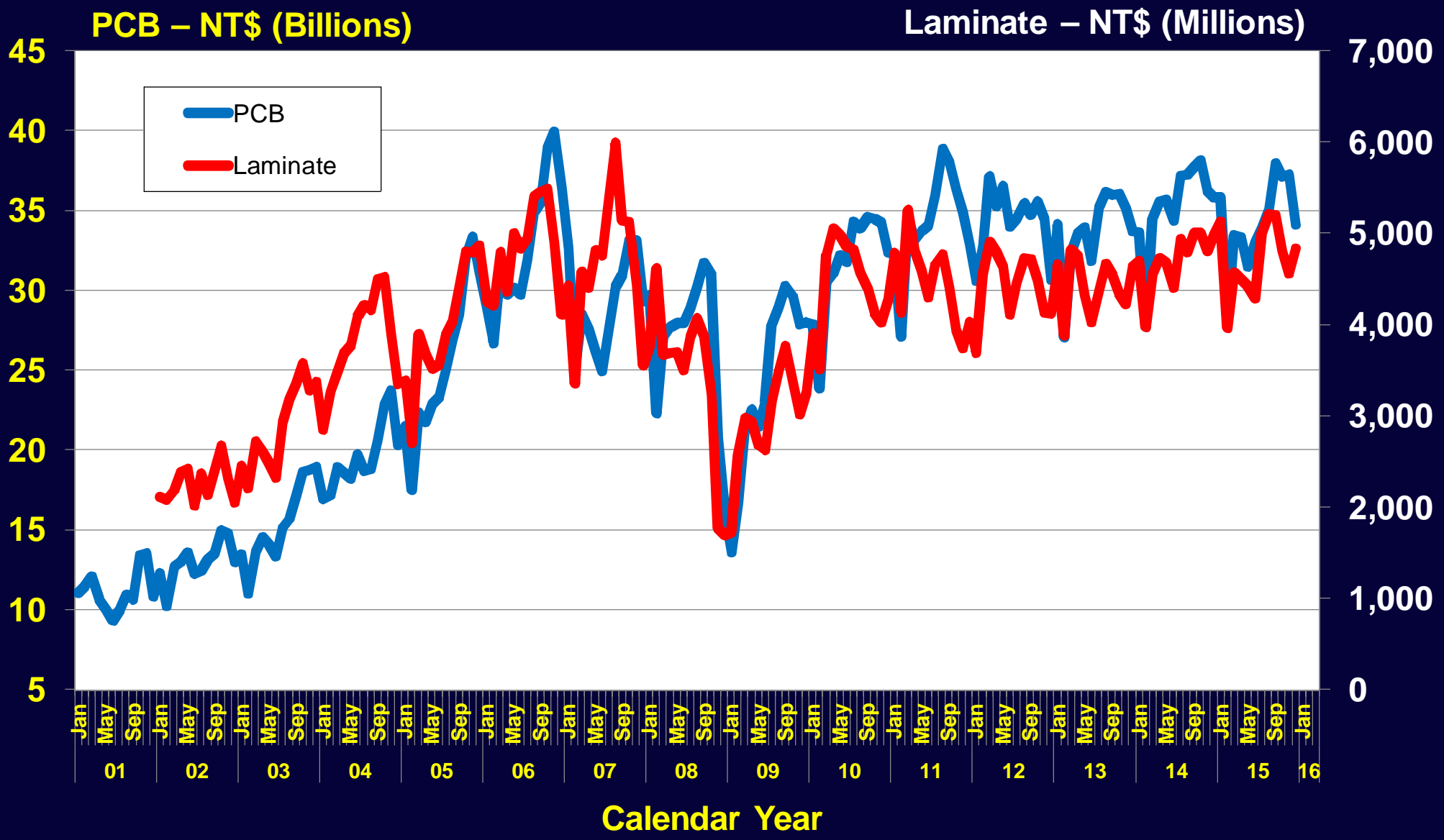
Taiwan Rigid & Flex PCB Shipments

Broad Composite of 46 Taiwan-listed Manufacturers

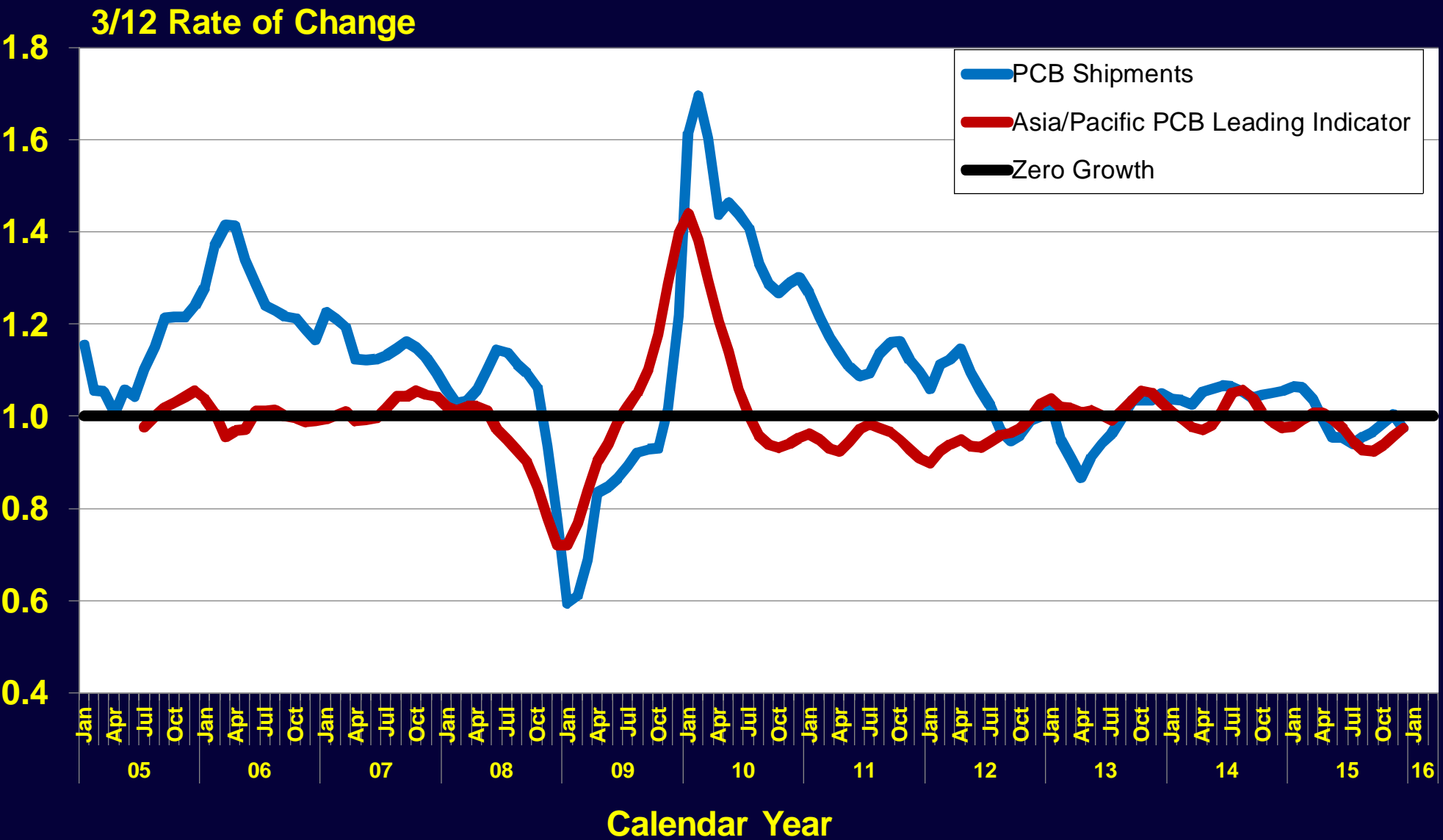


Taiwan Shipments

42 Rigid PCB & 8 Laminate Manufacturers

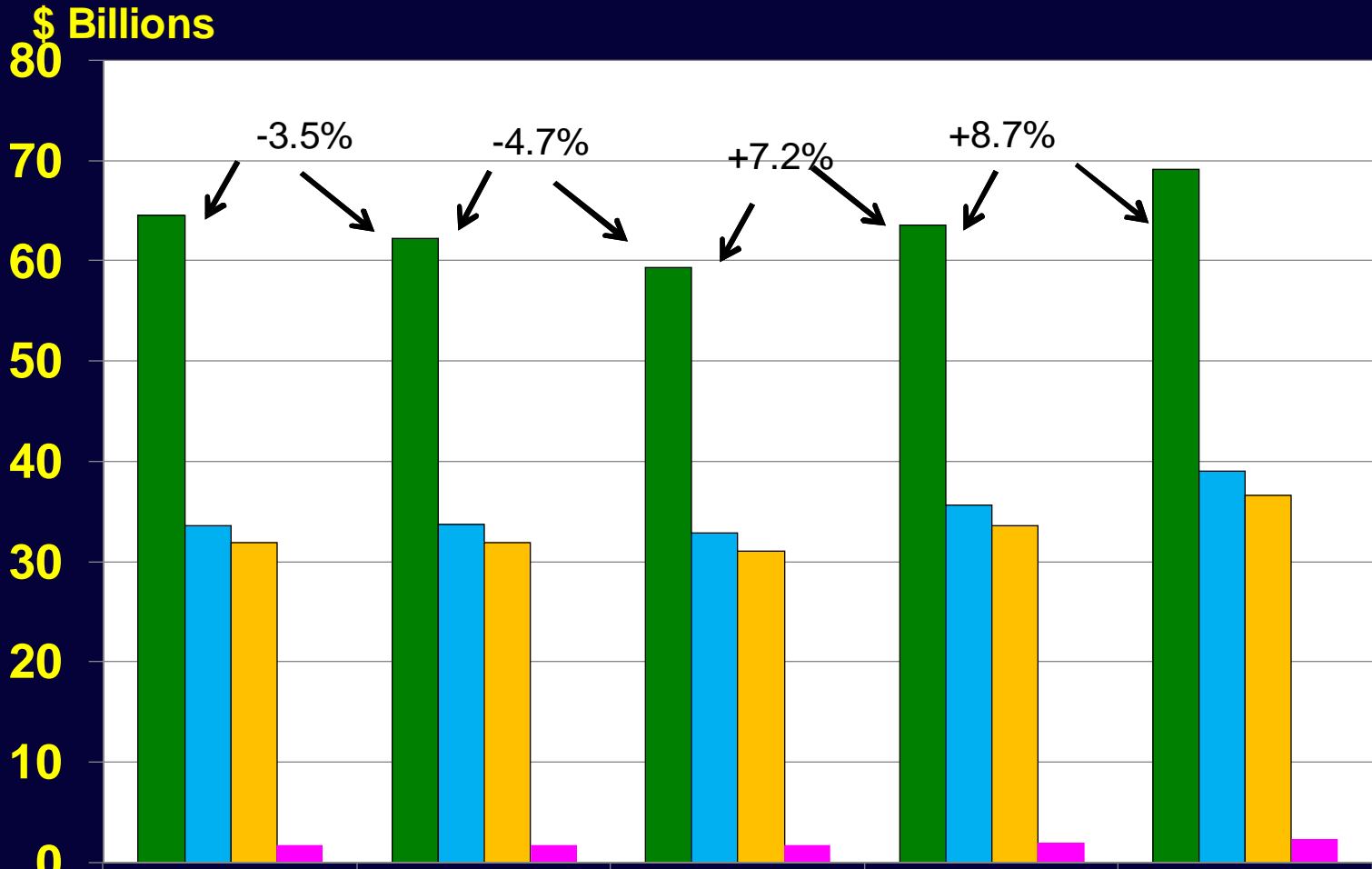


Asia Pacific CCG PCB Leading Indicator vs. China/Taiwan PCB Shipments @ Fluctuating Exchange



Source: Custer Consulting Group

World Semiconductor Capital Spending & Equipment Spending Forecast 2014-2019

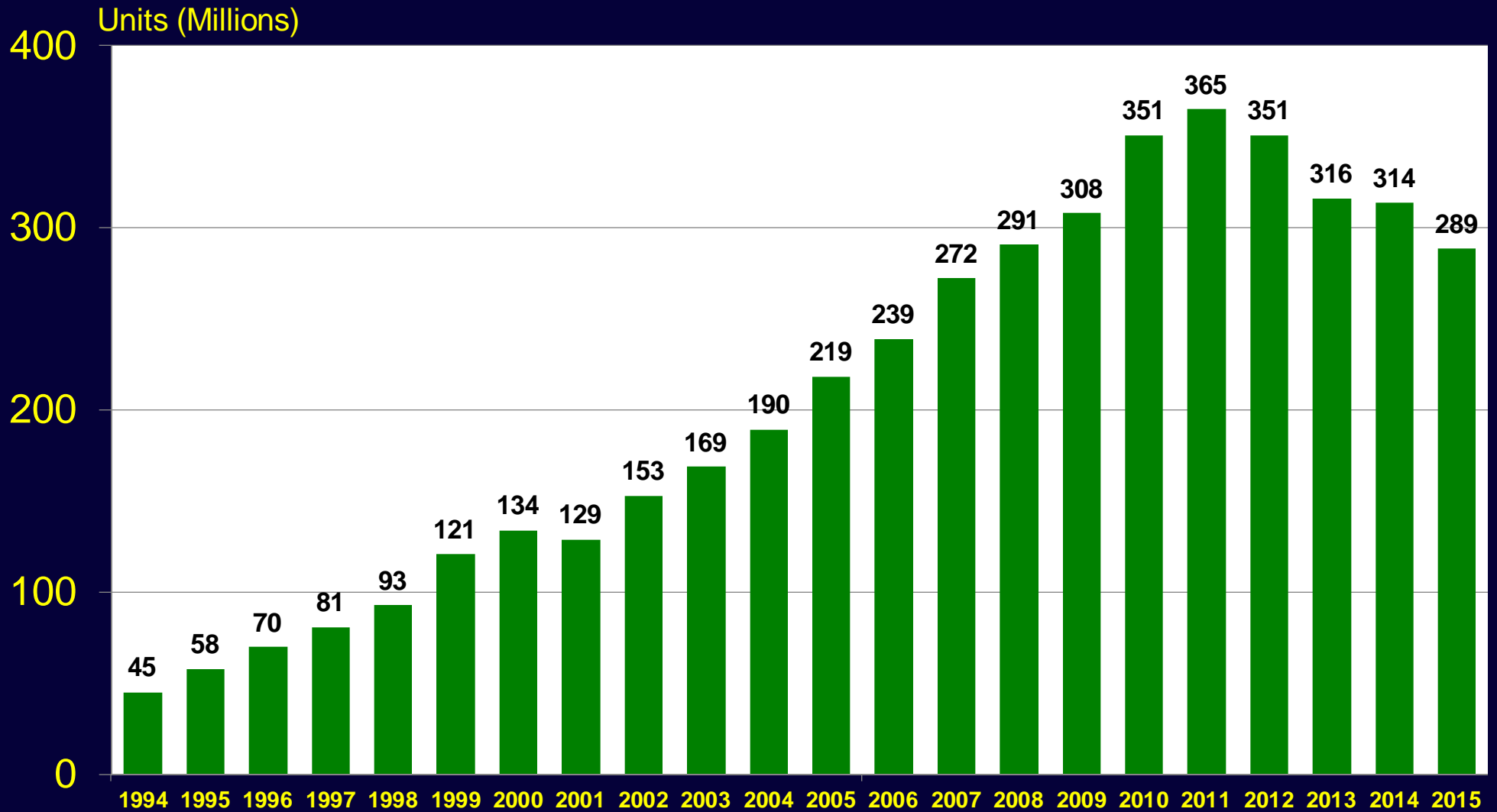


	2014	2015	2016	2017	2018
■ Semiconductor Capital Spending	64,570	62,291	59,361	63,622	69,182
■ Wafer-Level Manufacturing Equipment	33,684	33,713	32,903	35,699	39,129
■ Wafer Fab Equipment	31,953	31,907	31,098	33,630	36,690
■ Wafer-Level Packaging & Assembly Equipment	1,731	1,807	1,806	2,069	2,439

Personal Computers - Global Shipments

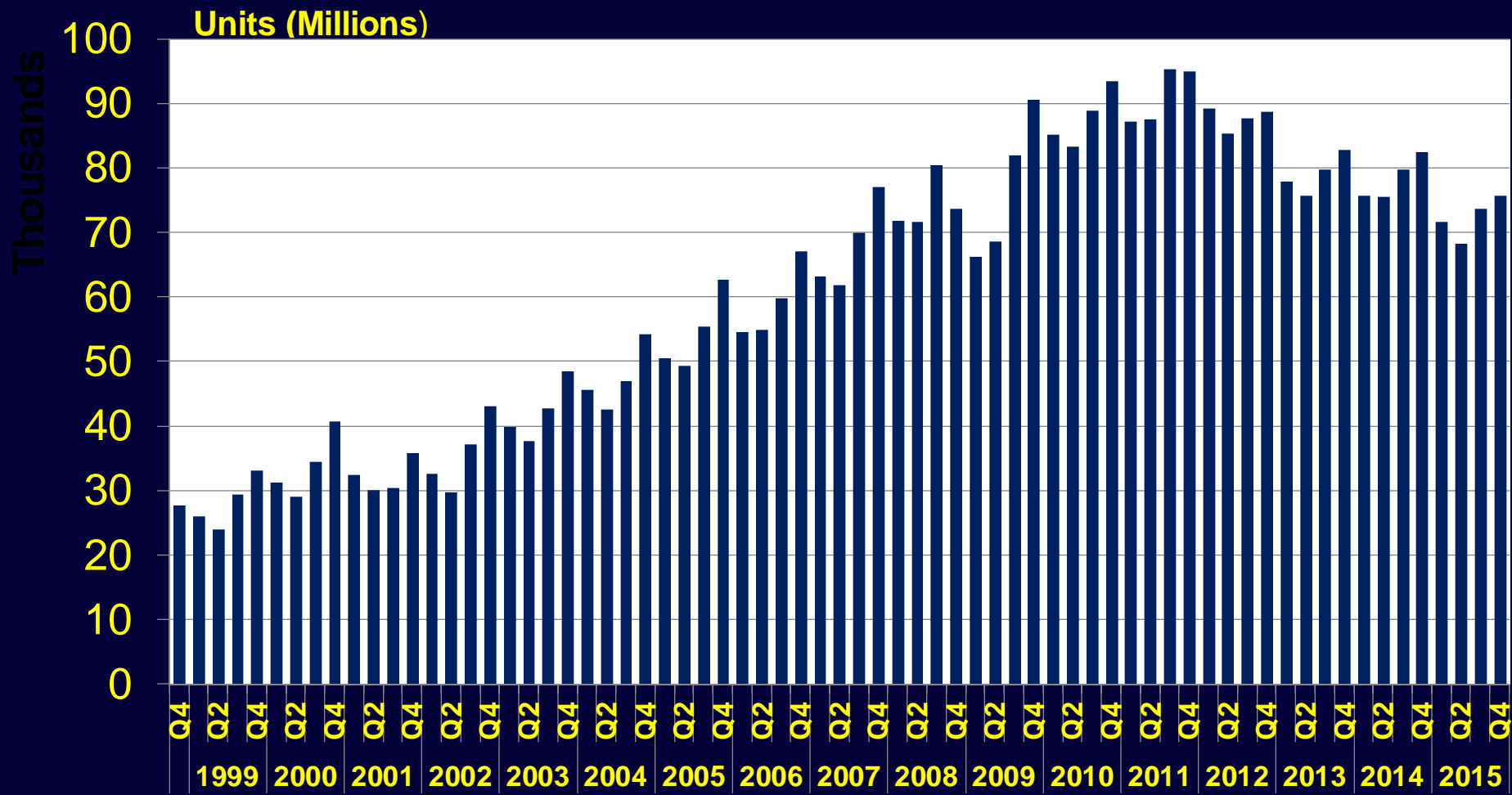
Desk-based & Notebooks

Chart 31



Personal Computer Unit Shipments

World
Units

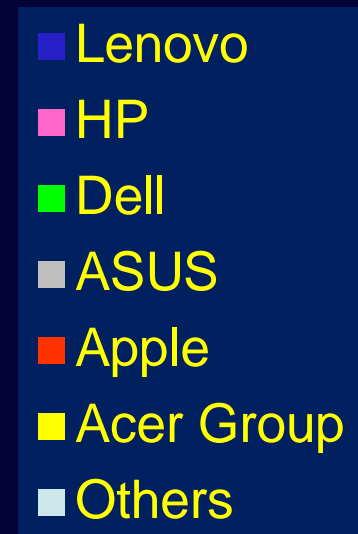
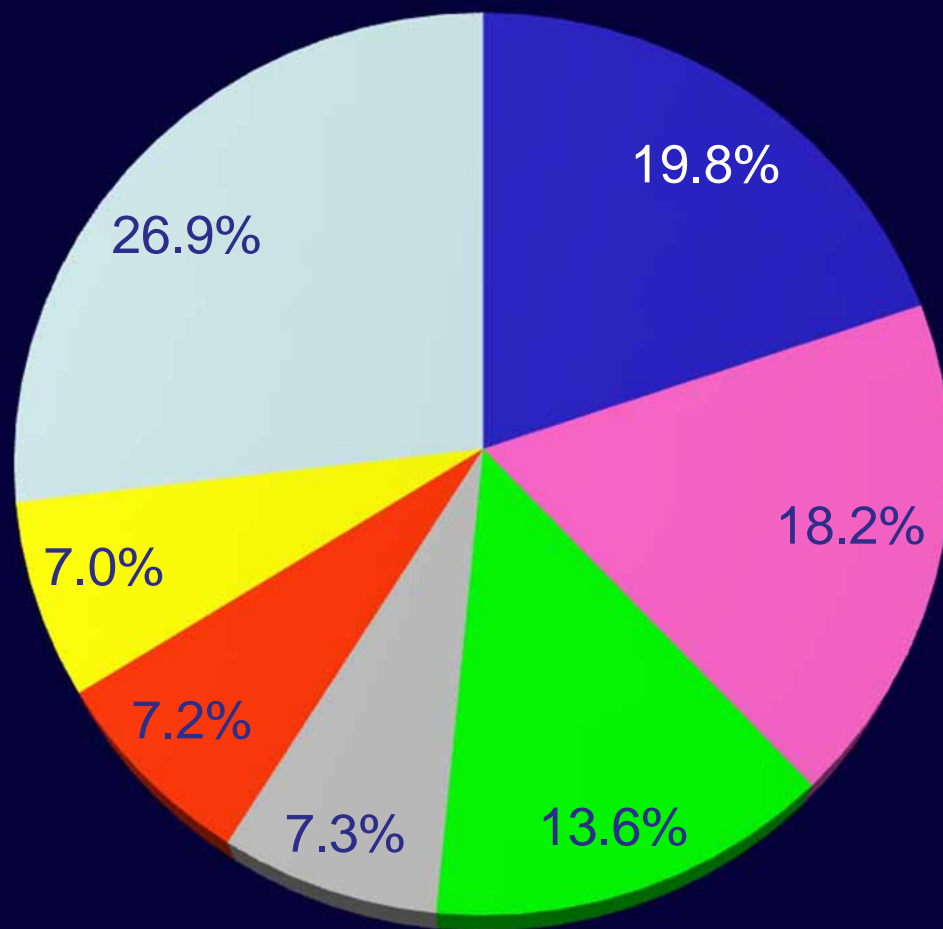


Gartner Dataquest 1/16 & prior reports
Server & Media Tablets not included

World Personal Computer Shipments 2015

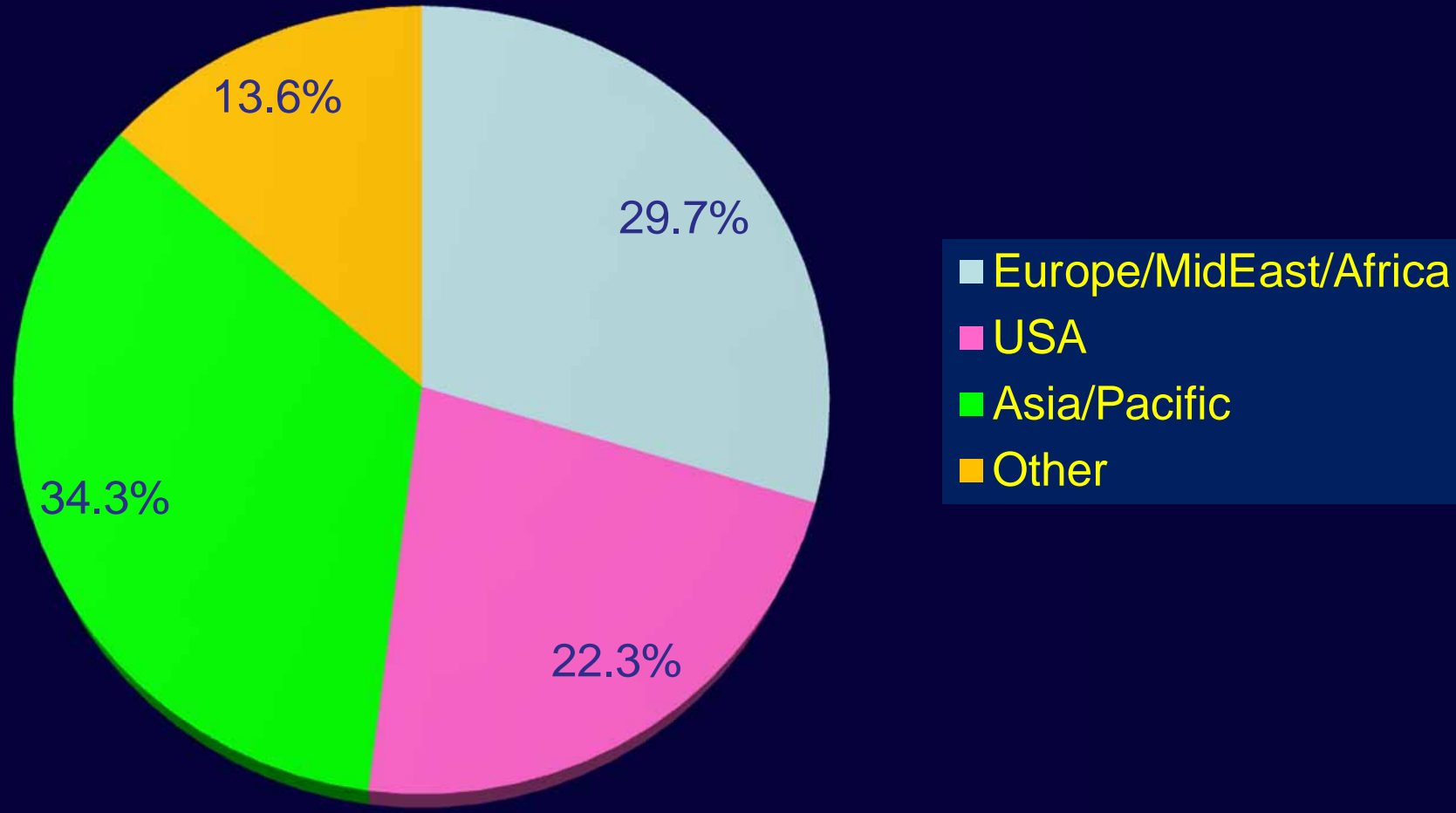
Units

Chart 33



TOTAL: 288.7 Million Units

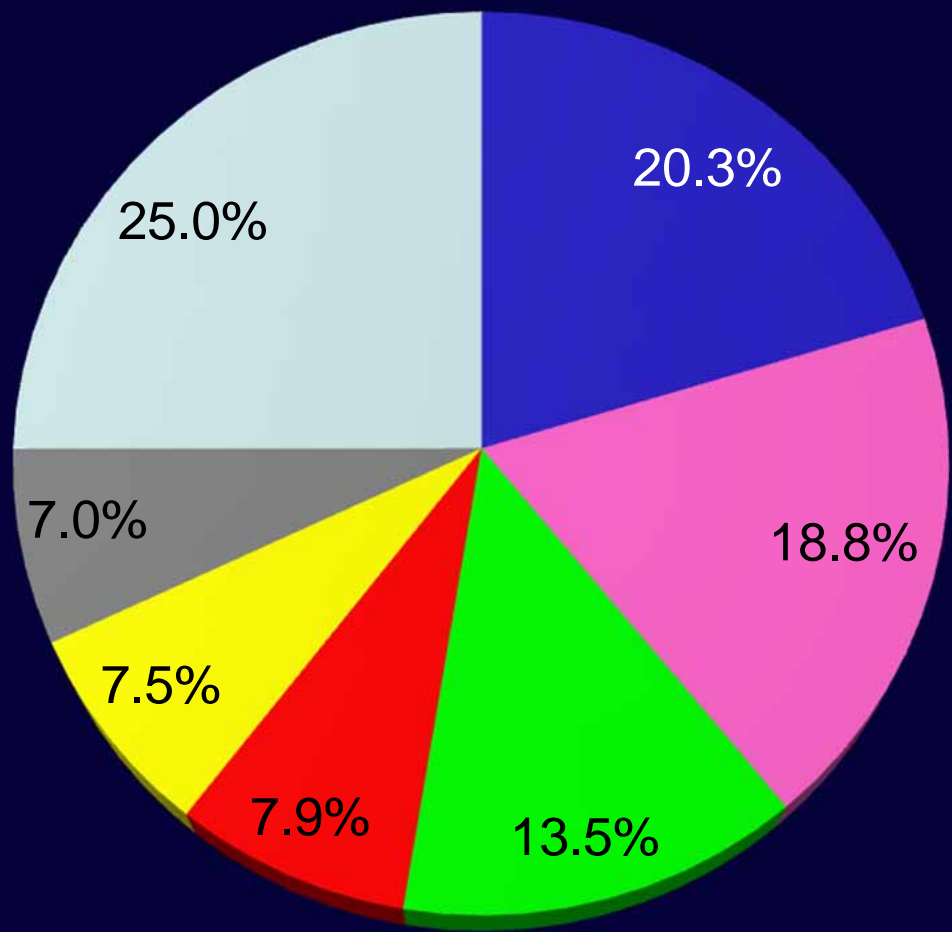
World Personal Computer Market 4Q'15



TOTAL: 75.7 Million Units

Includes desk-based PCs, mobile PCs, mini-notebooks but not Media Tablets

World Personal Computer Market 4Q'15



- Lenovo
- HP
- Dell
- Asus
- Apple
- Acer Group
- Other

TOTAL: 75.7 Million Units

Includes desk-based PCs, mobile PCs, mini-notebooks but not Media Tablets