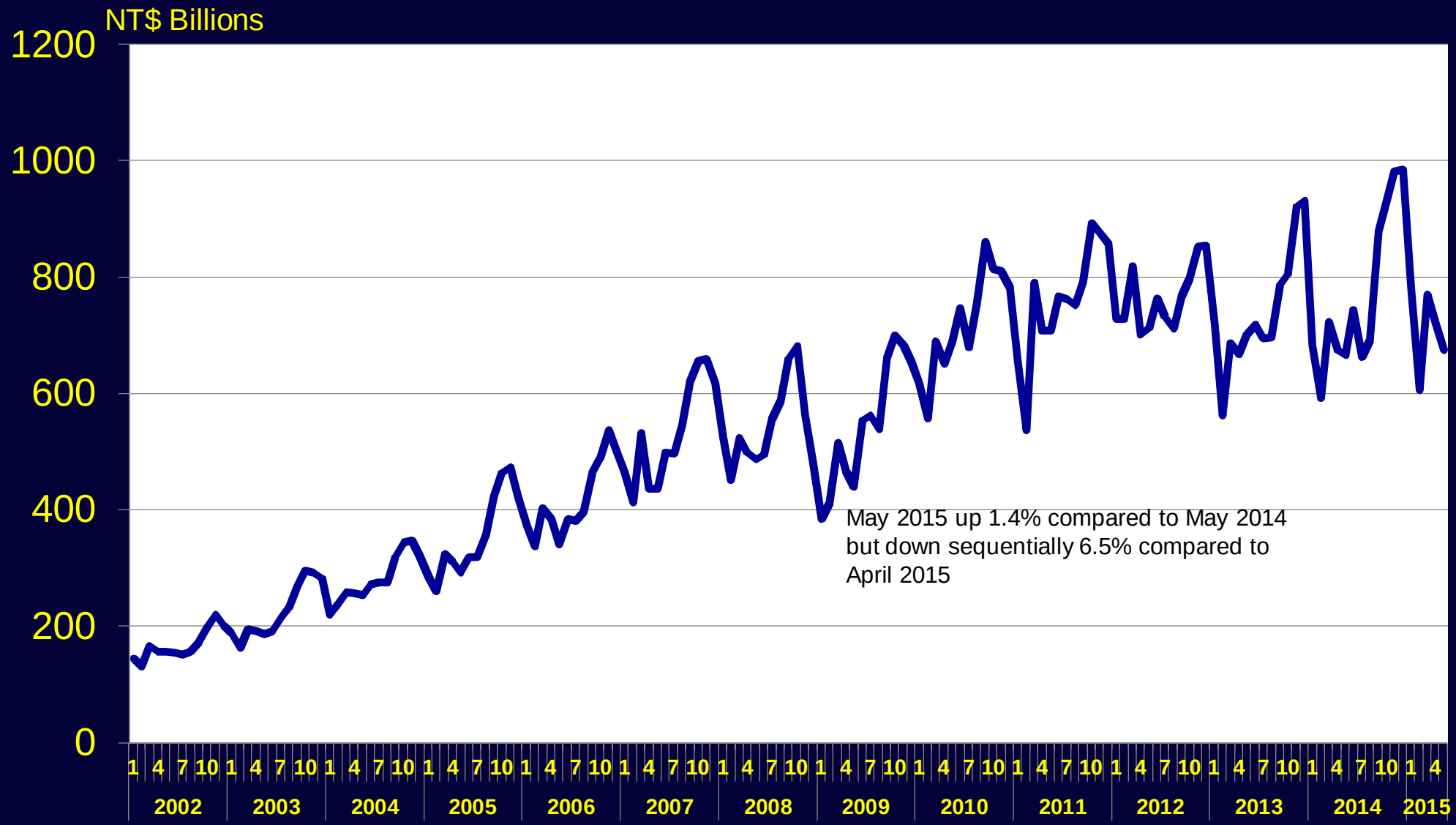
Chart 1

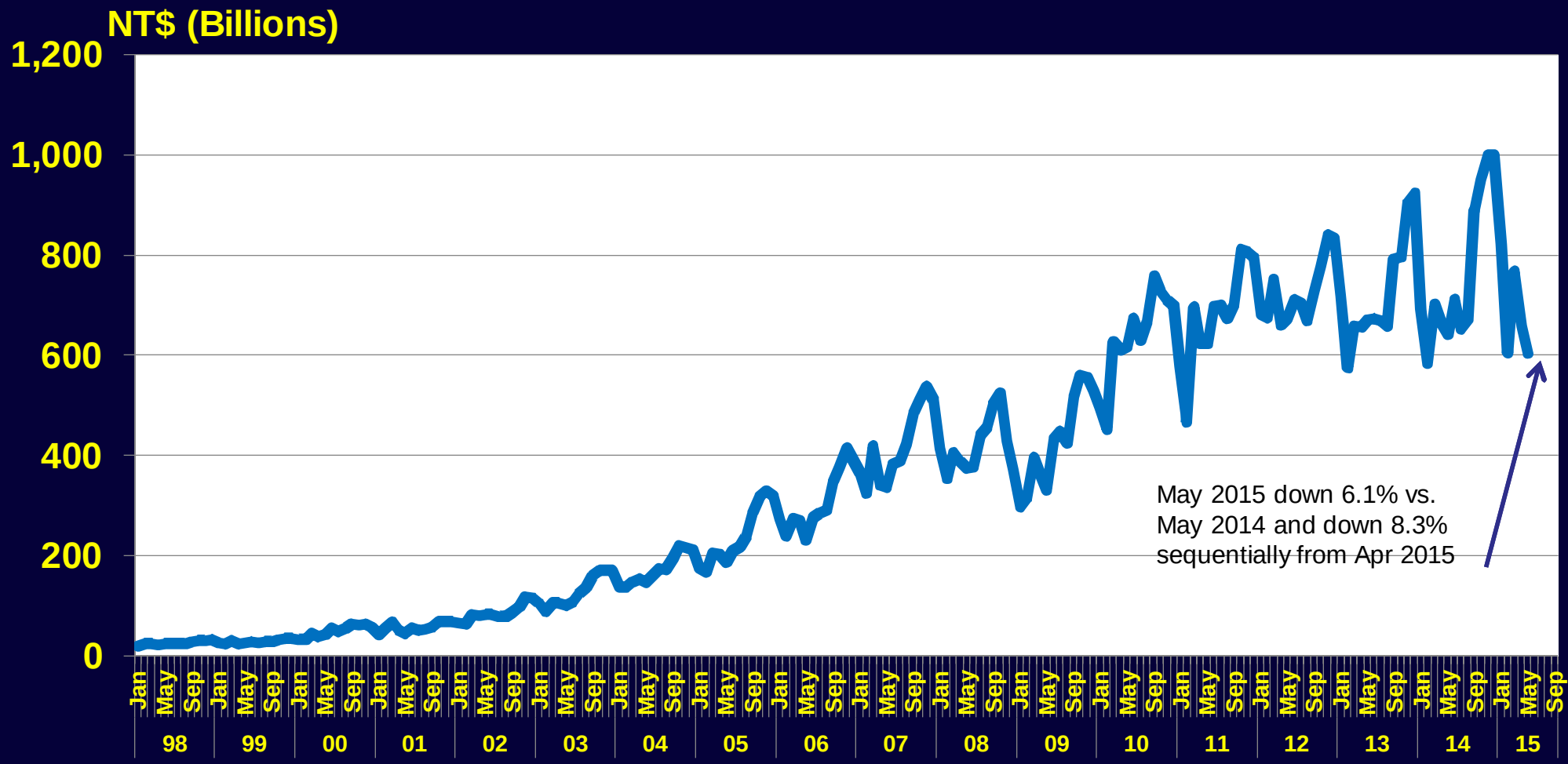
Taiwan/China Electronic Equipment Producers
Composite of 101 Manufacturers
Consolidated Revenue



Taiwan listed companies, often with significant manufacturing in China

Chart 2

Taiwan ODM Companies
Composite Sales of 11 Large Manufacturers

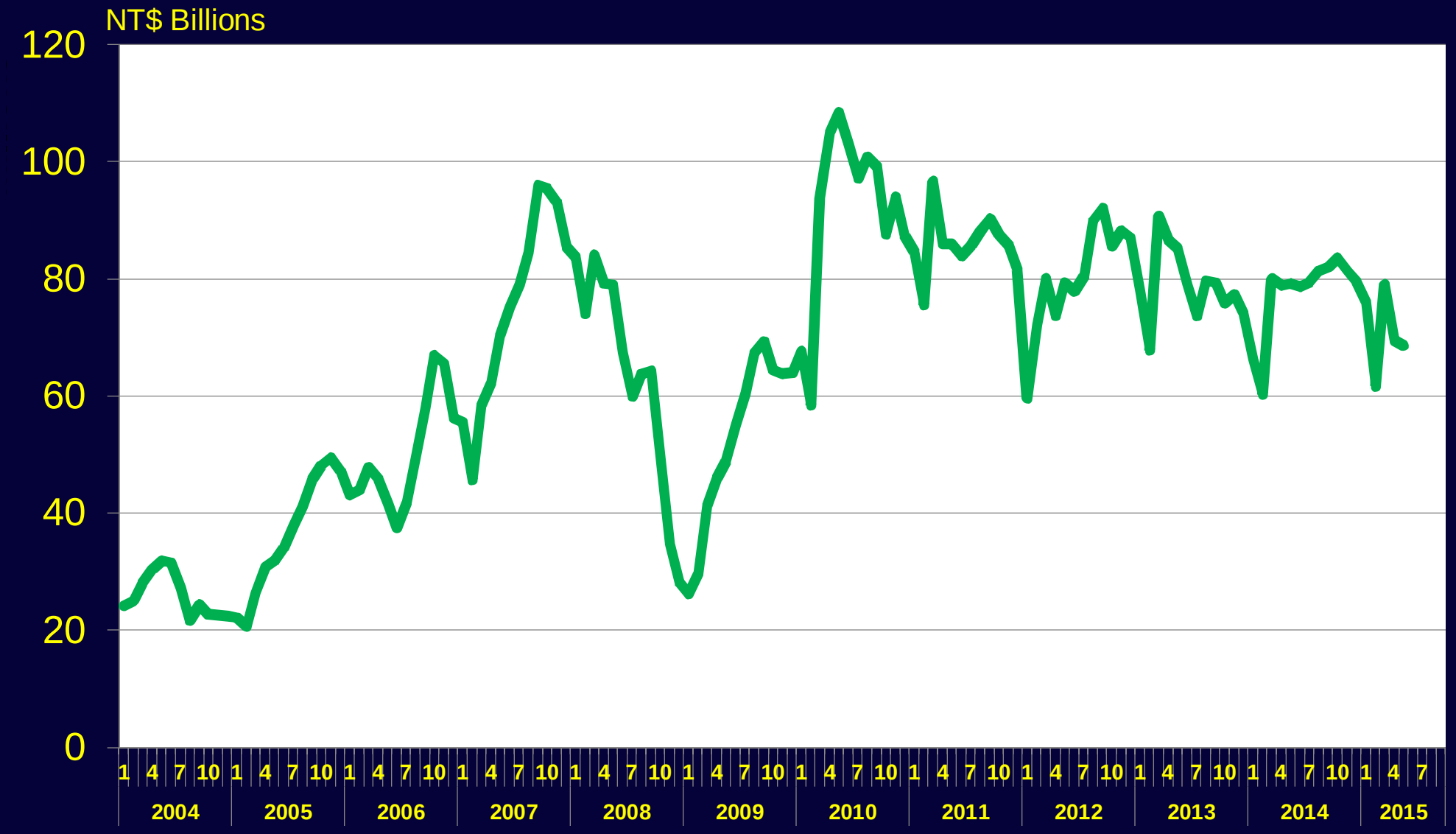


Company Financial Releases

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

Chart 3

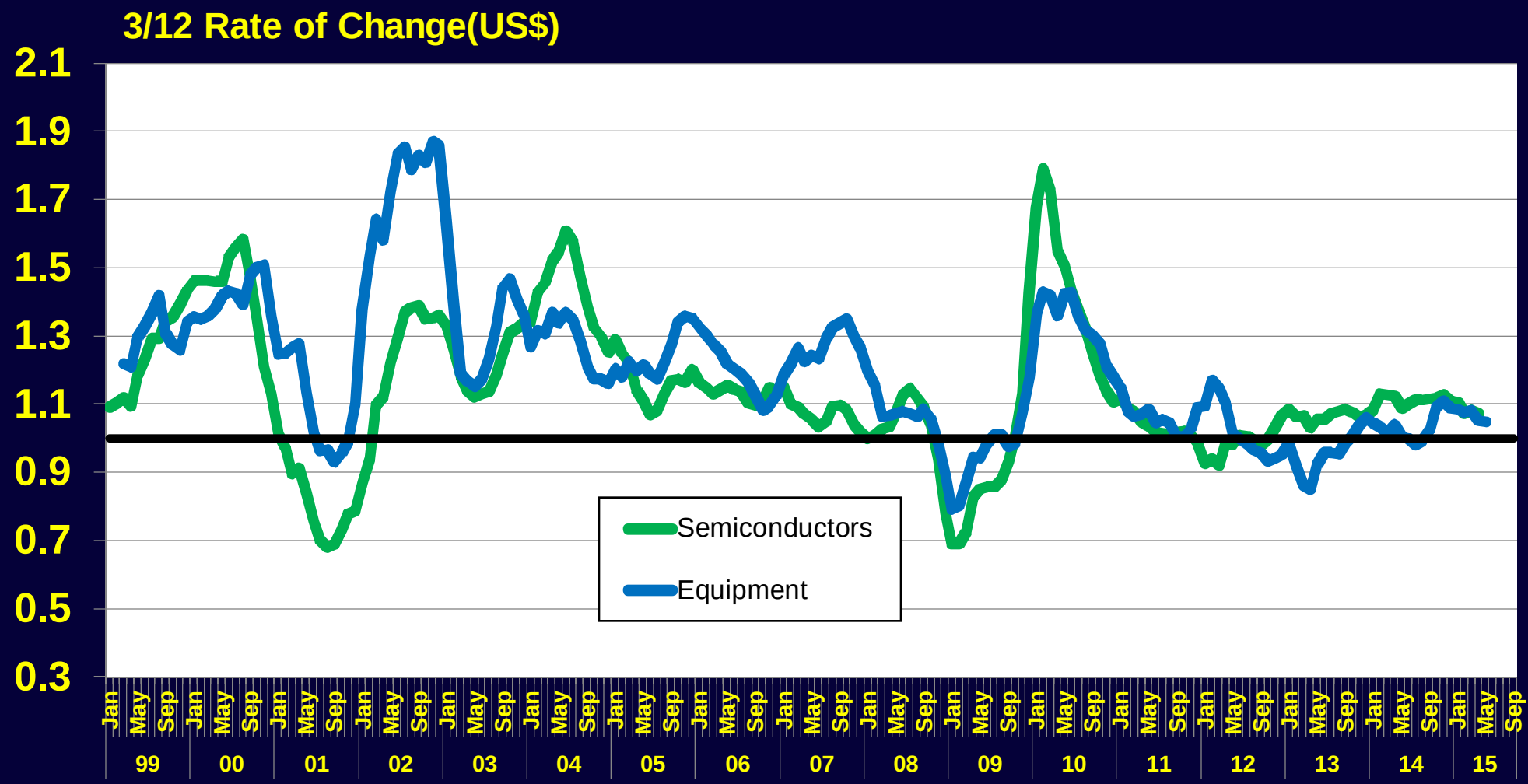
Taiwan Display Producers
Composite of 6 TFT-LCD Panel Manufacturers



Taiwan listed companies, often with significant manufacturing in China

Chart 4

Semiconductor Shipments to Asia/Pacific vs. Taiwan/China Electronic Equipment Production



Total $ Semiconductor Shipments from All Countries to SE Asia www.sia-online.org/
101 Taiwan listed companies, often with significant manufacturing in China

Chart 5

Taiwan Wafer Foundries
Composite of 14 Manufacturers



VIA Technologies, Advance Microelectronics, Advance Wireless Semiconductor, Episil Technologies, Inotera Memories, Macronix Intl, Mosel Vitelic, Powerchip Semi, Precision Silicon, ProMOS Tech, TSMC, United Microelectronics, Vanguard International Semi, Winbond Electronics

Chart 6

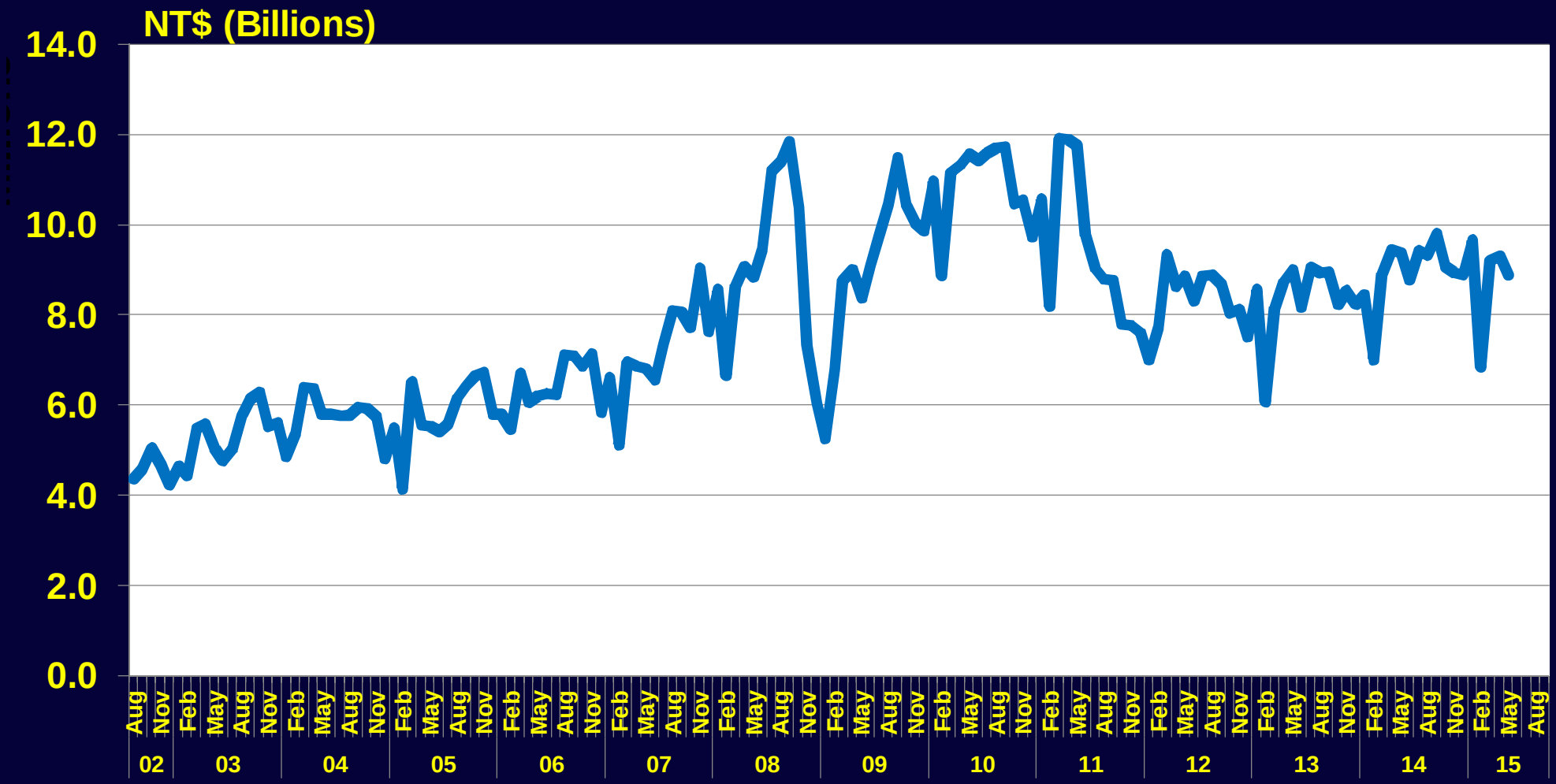
Taiwan Memory Companies
Composite of 8 Manufacturers



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

Chart 7

Taiwan Passive Component Companies
Composite 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)

Chart 8

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, Thalin Semiconductor, Vate Tech, Walton Advanced Tech

Chart 9

Taiwan Solar/Photovoltaic Panel Companies
Composite of 27 Manufacturers

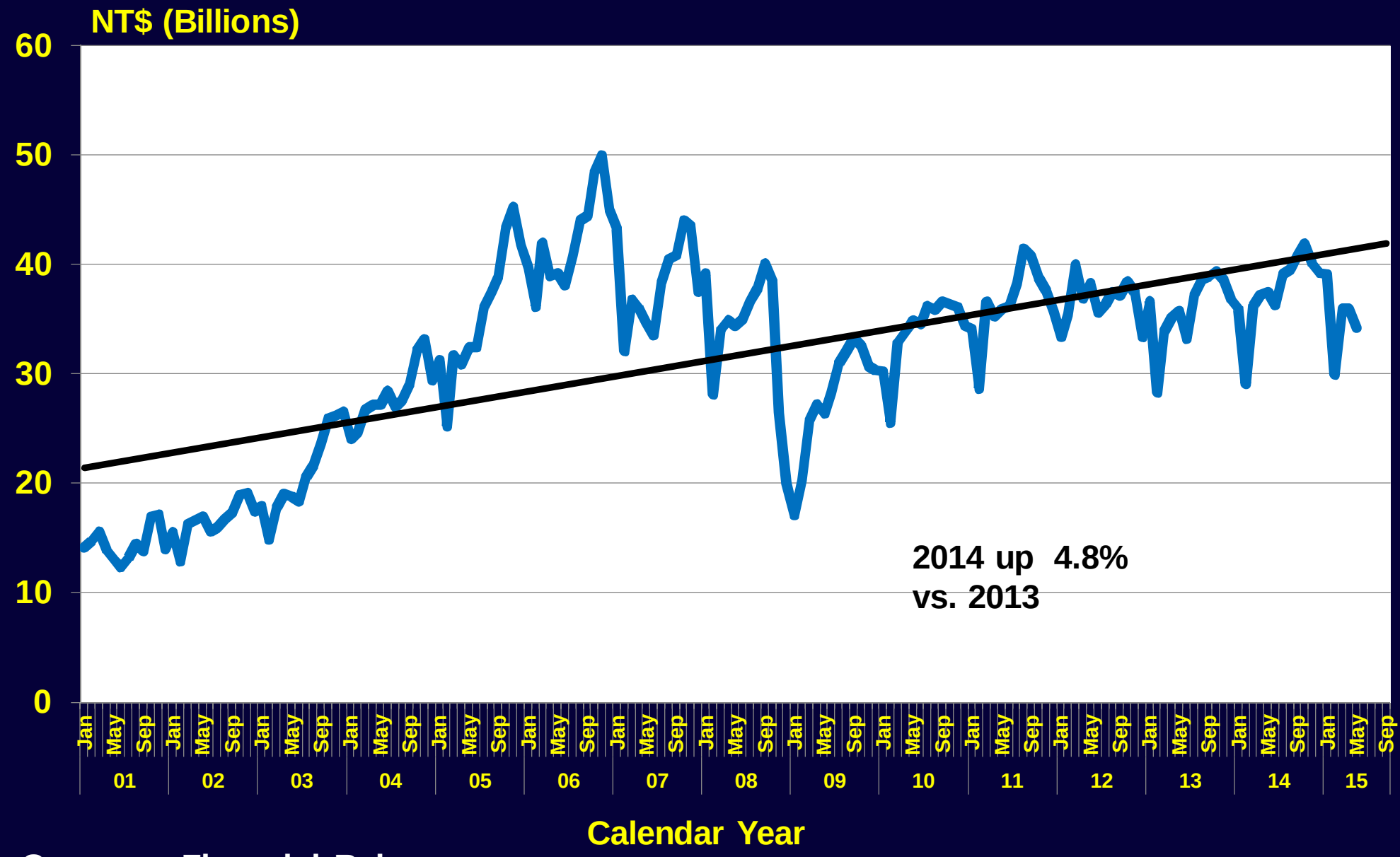


Acter, Big Sun Energy Technology, Chen Full Intl, Danen Technology, Daxon Technology, DelSolar, Delta Electronics, e_TON Solar Tec, Invetec Group, Eversol, Gigasolar materials, Gintech, Green Energy Technology (GET), Higher Way Elec, Kenmec Mechanical, Ligitek, Motech, Neo Solar Power, Phoenixtec Power 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 10

Taiwan Rigid & Flex PCB Shipments

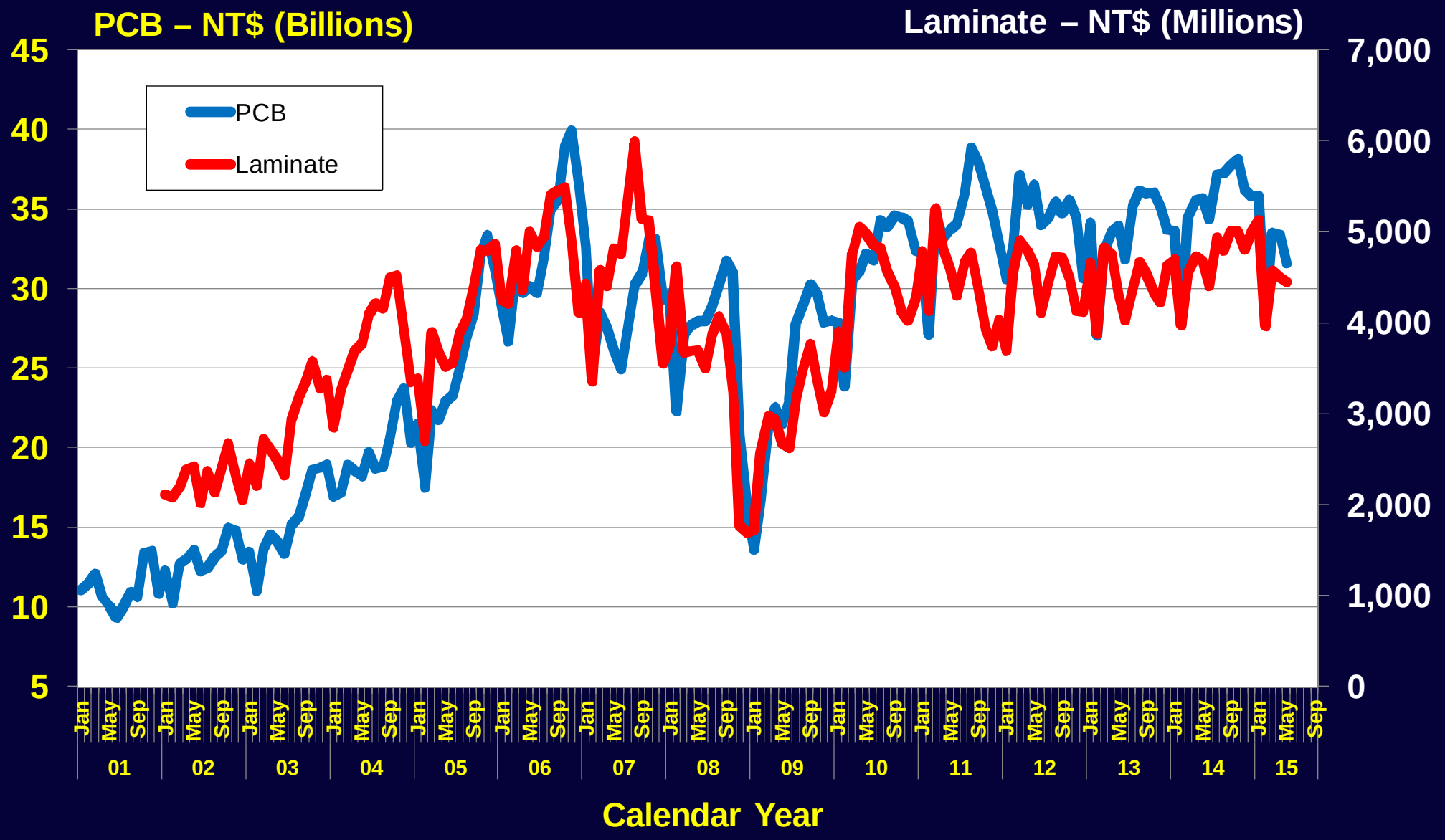
Broad Composite of 46 Taiwan-listed Manufacturers



Company Financial Releases

Chart 11

Taiwan Shipments
42 Rigid PCB & 8 Laminate Manufacturers

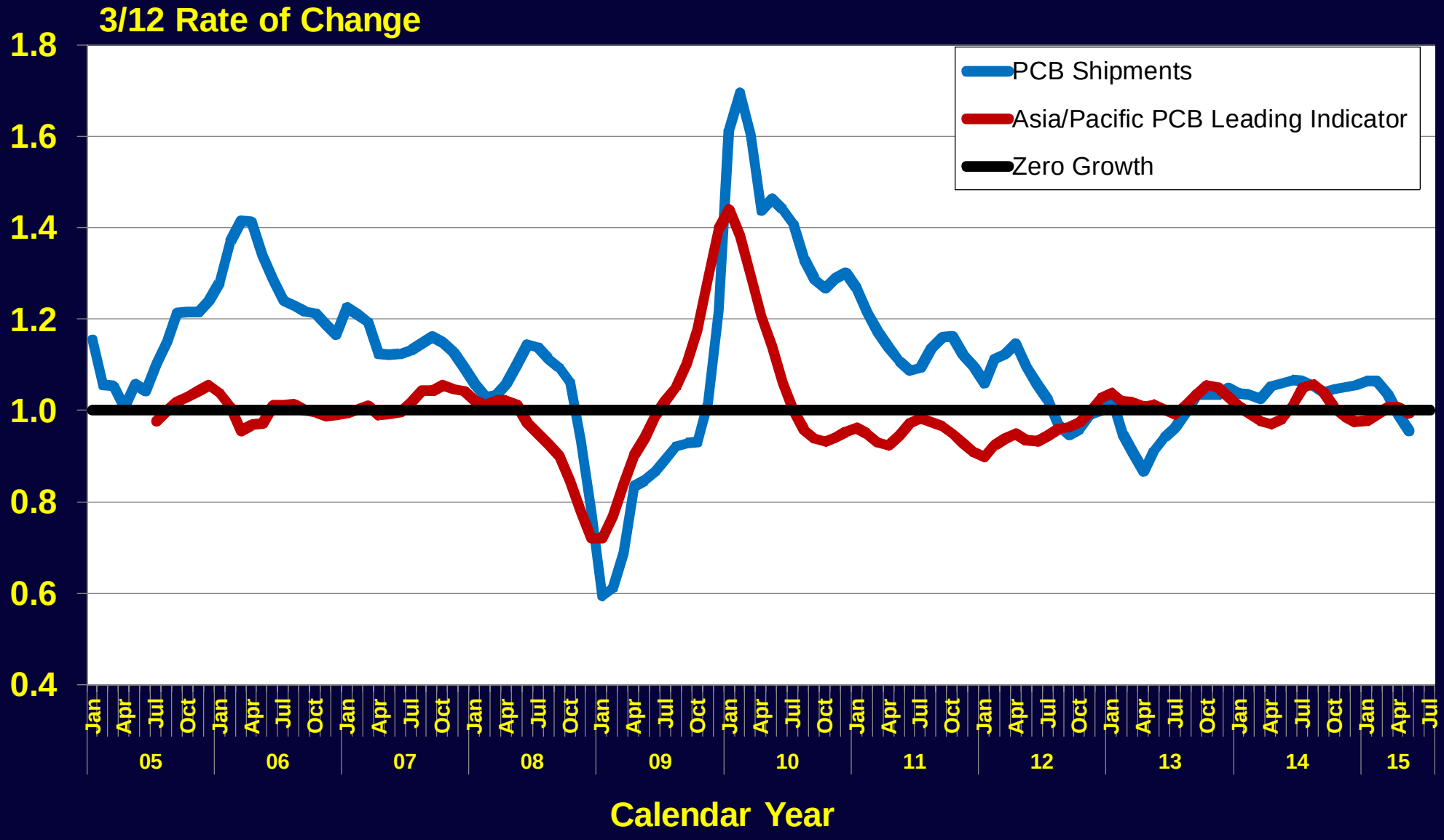


Company Financial Releases

Chart 12

Asia Pacific CCG PCB Leading Indicator

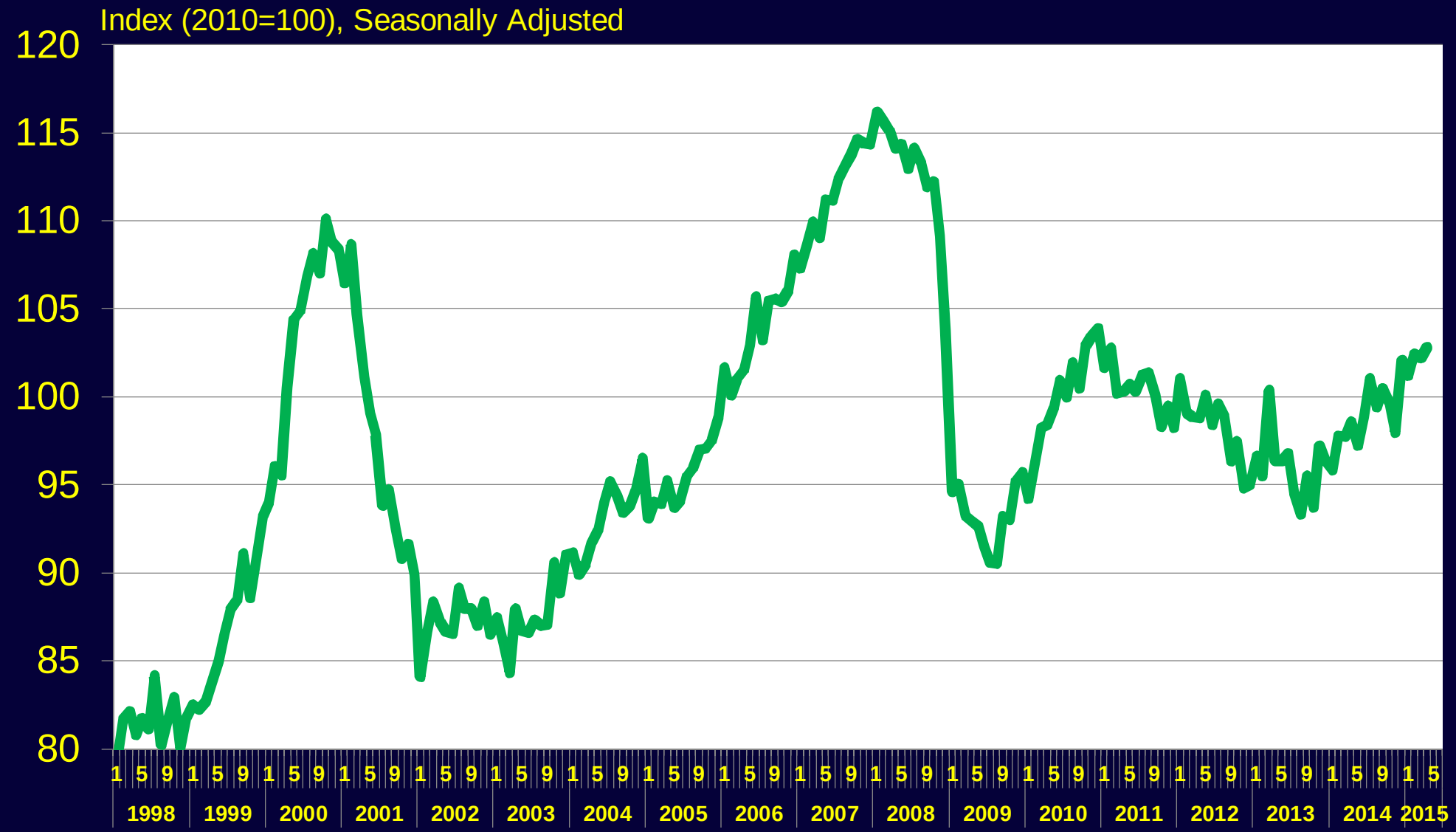
vs. China/Taiwan PCB Shipments @ Fluctuating Exchange



Source: Custer Consulting Group

Chart 13

European Computer, Electronic & Optical Products Production



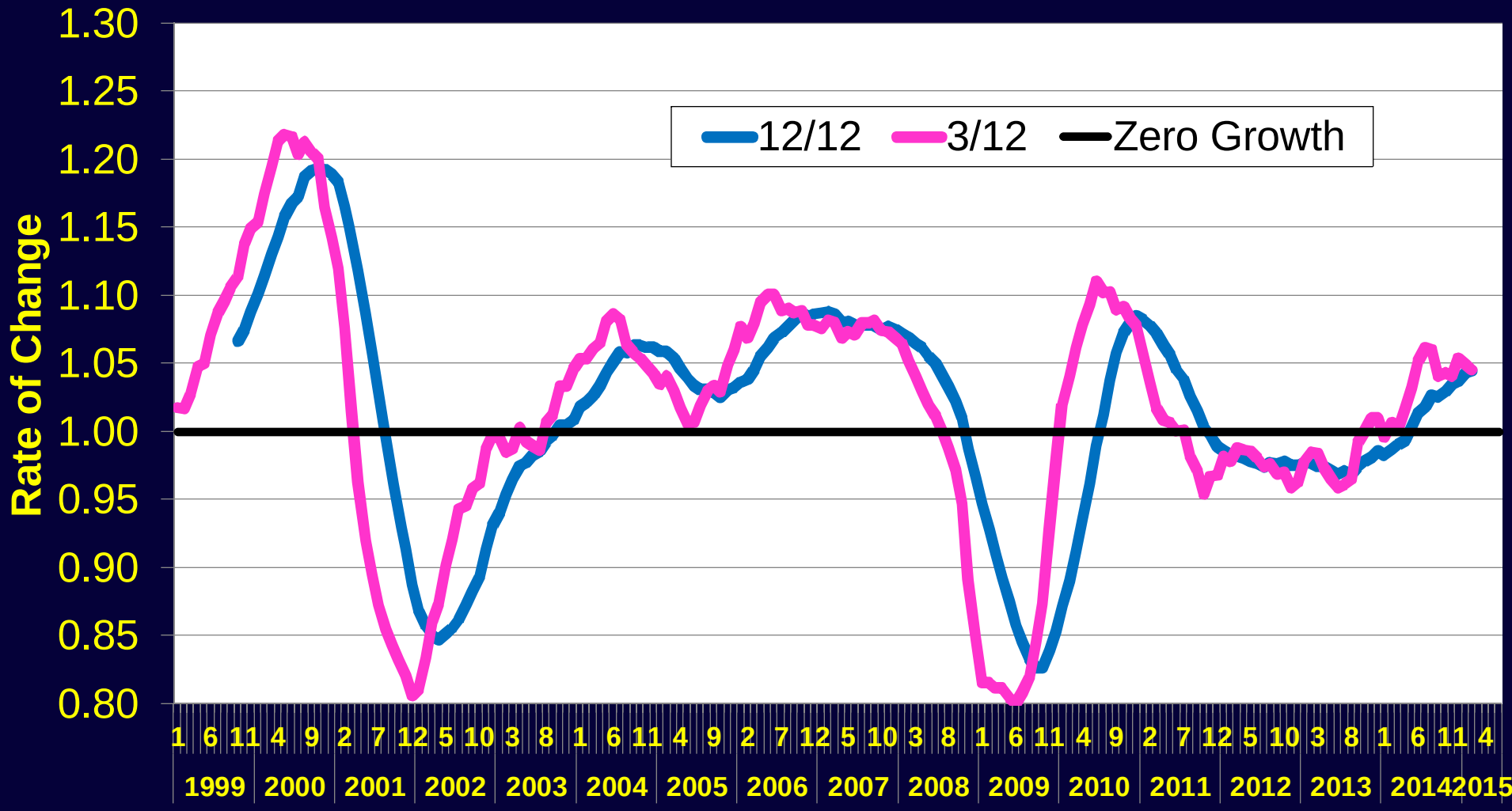
Eurostat, C26 category, EU 27 countries

Chart 14

Europe- EU27

Manufacture of computer, electronic & optical products

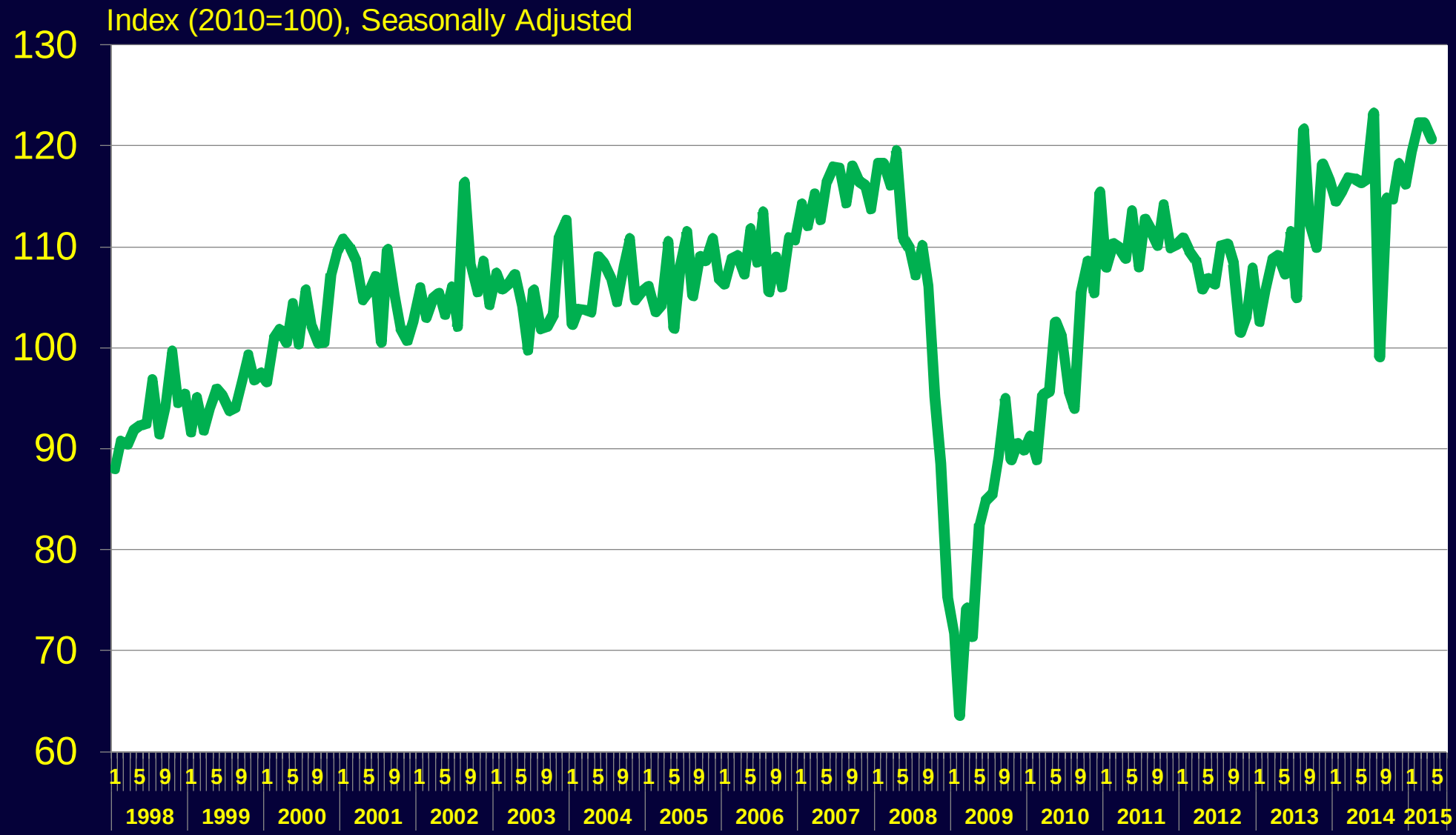
12/12 & 3/12 Rate of Change



Eurostat

Chart 15

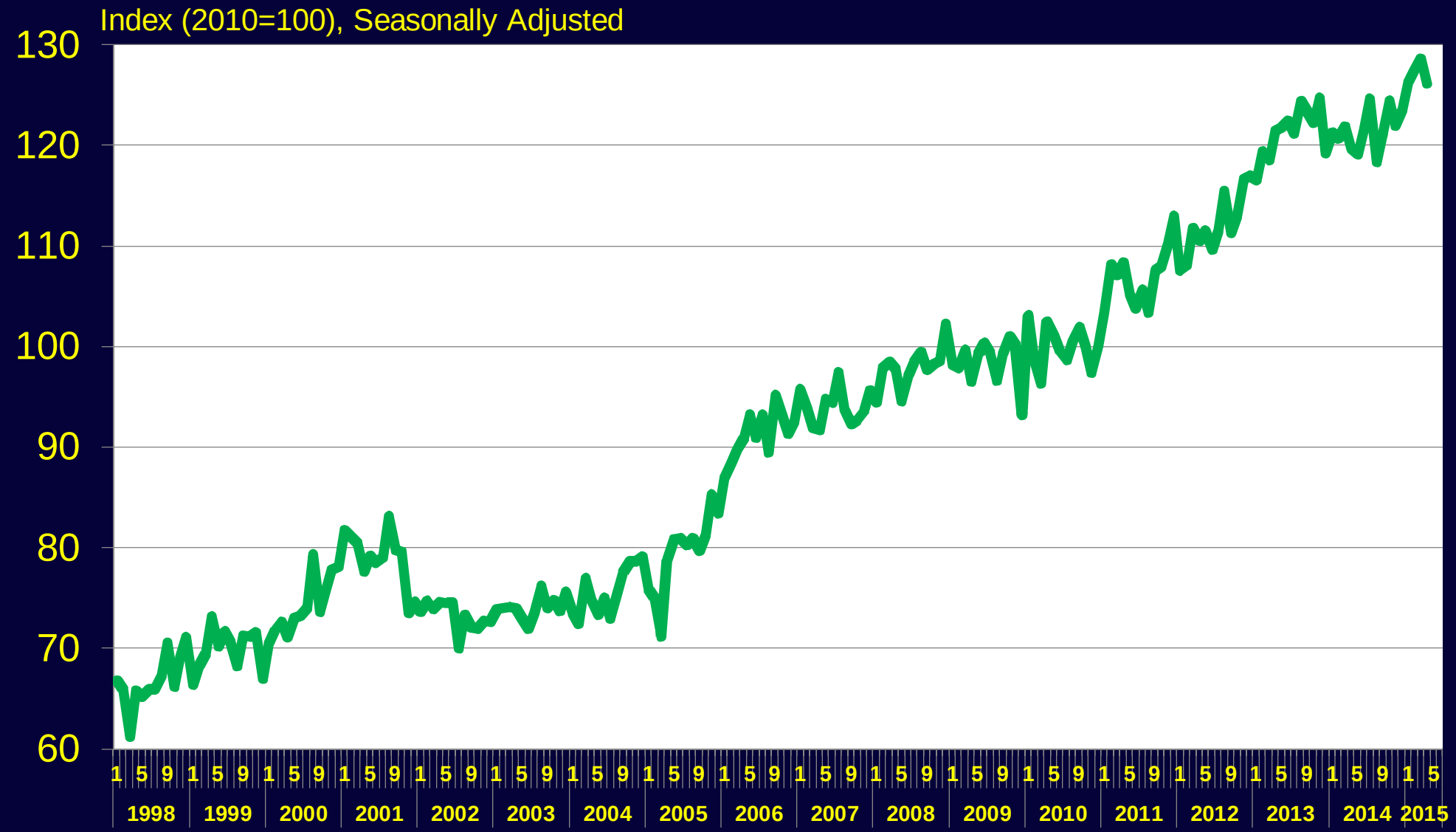
European Motor Vehicle Production



Eurostat, C291 category, EU 27 countries

Chart 16

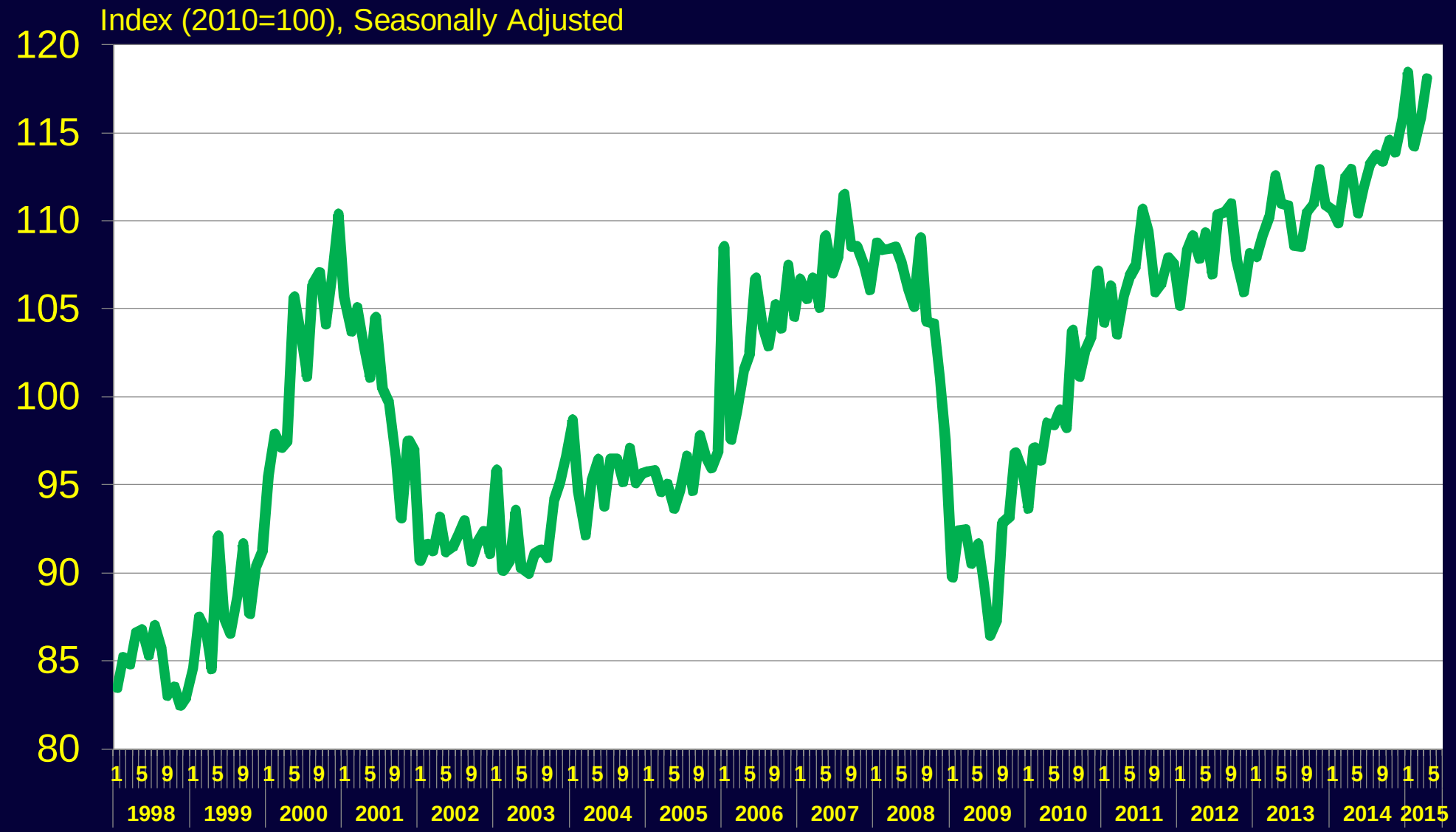
European Production - Aircraft, Spacecraft & Related Equipment



Eurostat, C303 category, EU 27 countries

Chart 17

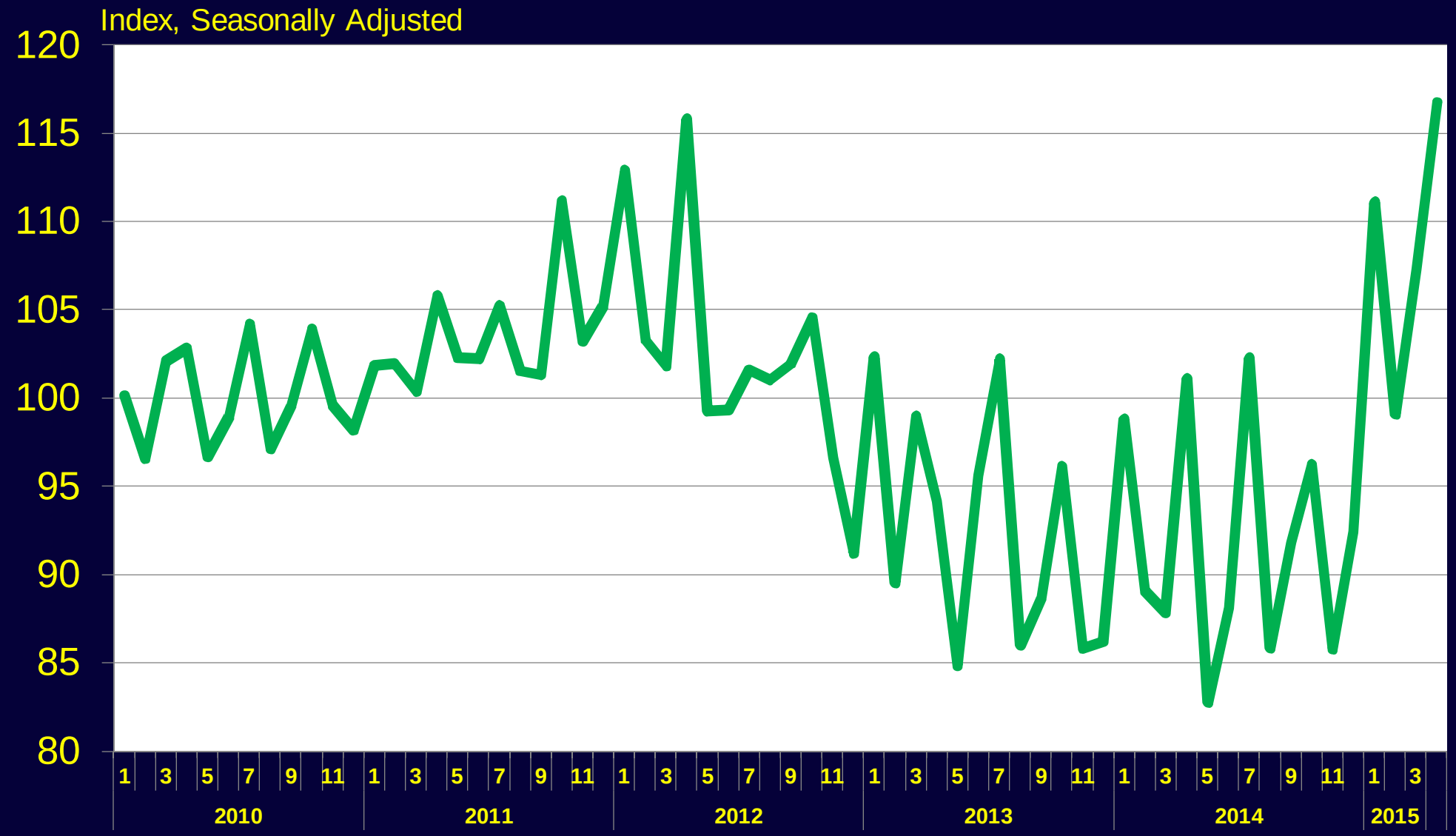
European Production - Instruments & Appliances for Measuring, Testing & Navigation



Eurostat, C2651 category, EU 27 countries

Chart 18

European Production - Irradiation, Electromedical & Electrotherapeutic Equipment



Eurostat, C266 category, EU 27 countries

Chart 19

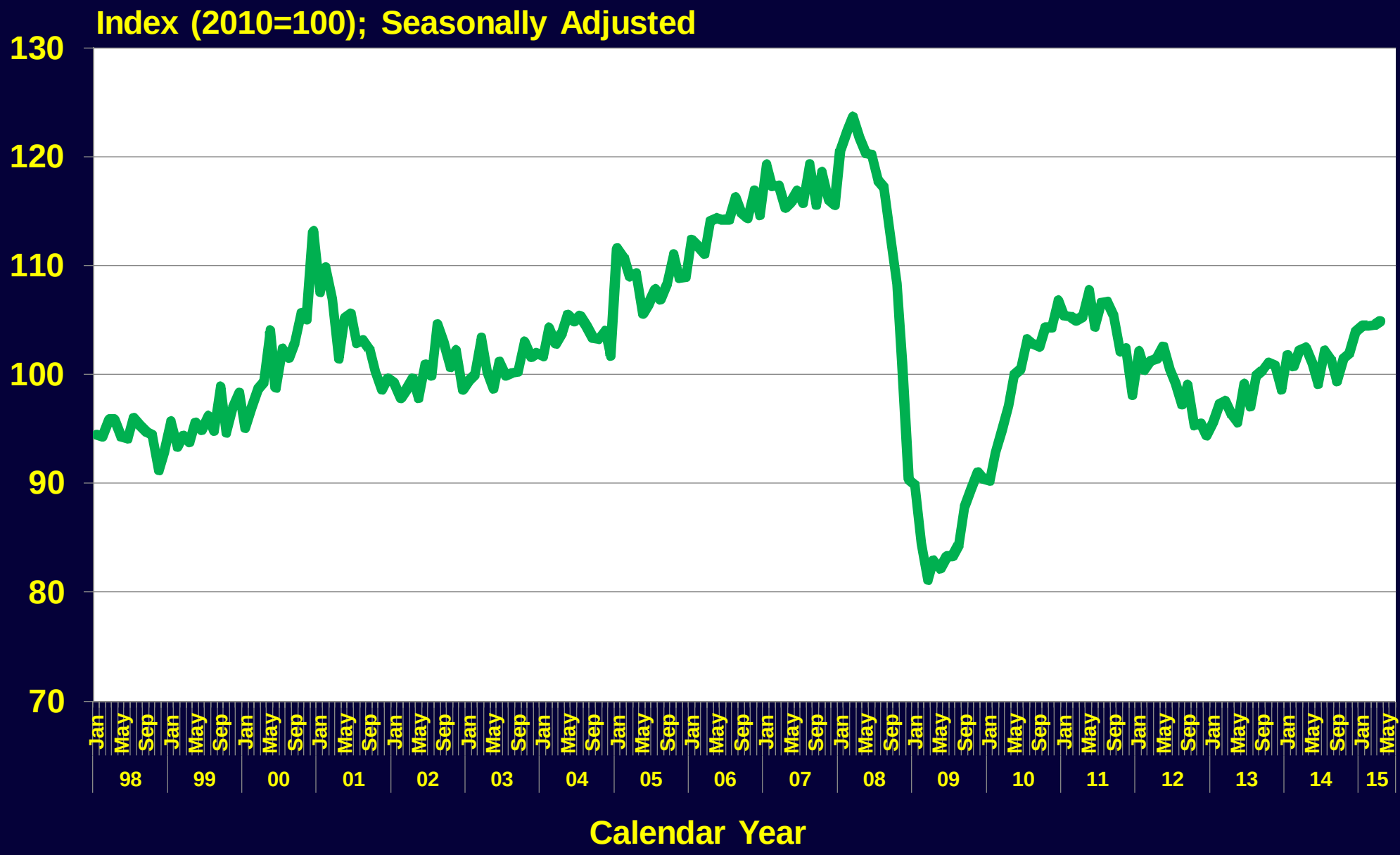
European Loaded Electronic Board Production



Eurostat, C2612

Chart 20

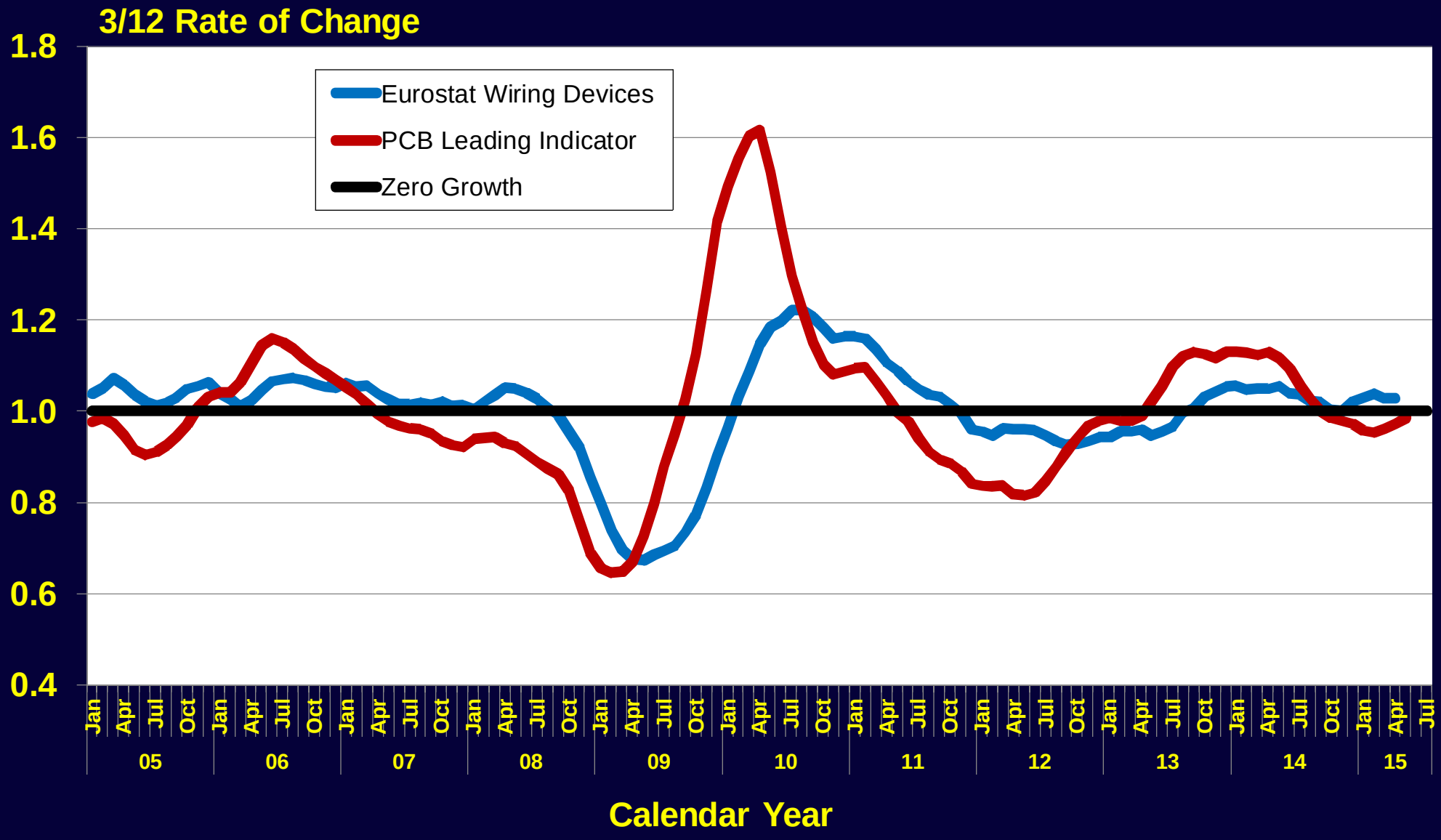
European Electronic Wiring Devices



Eurostat

Chart 21

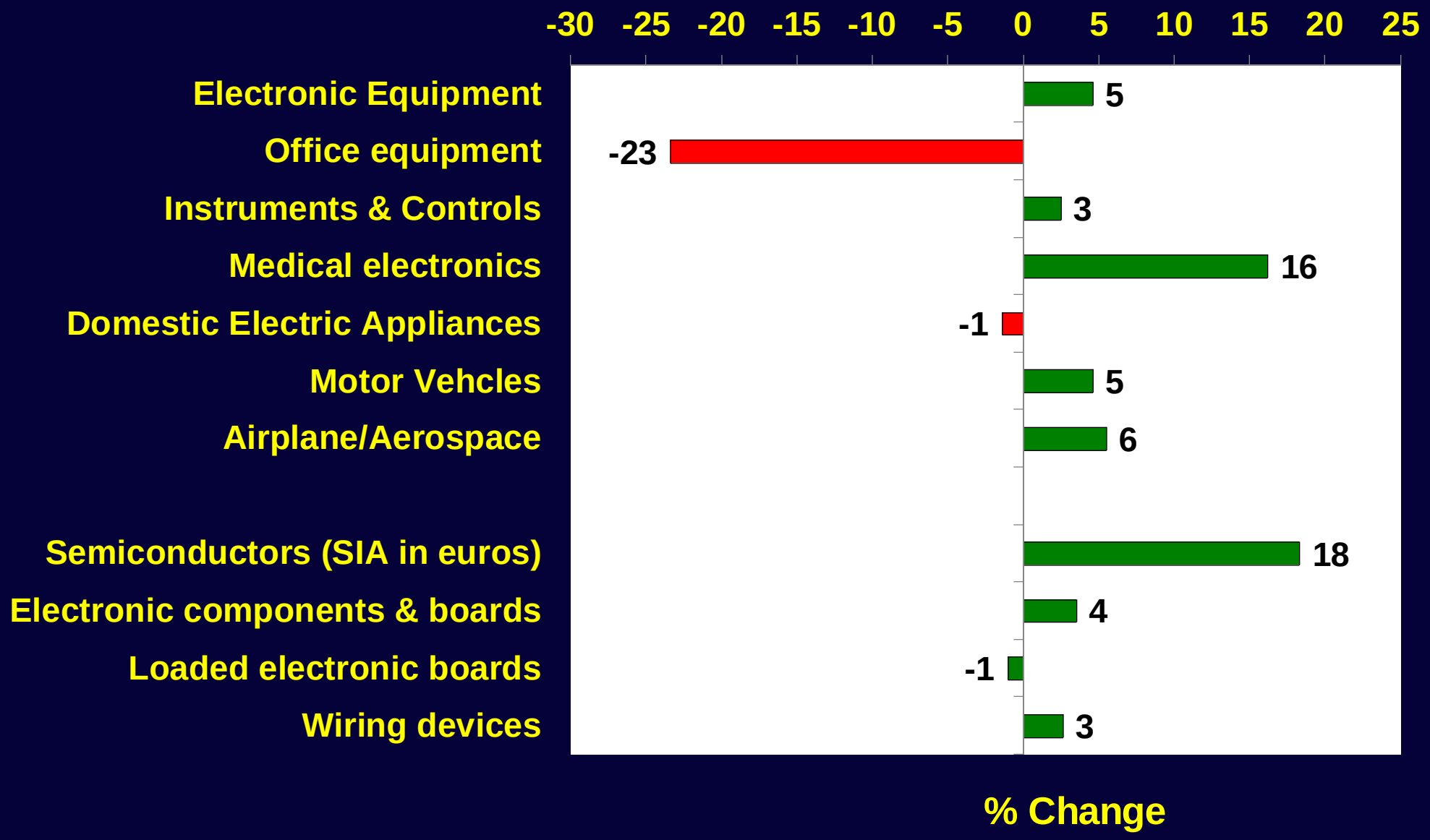
Europe PMI Leading Indicator vs. Europe Wiring Devices



Source: Custer Consulting Group

Chart 22

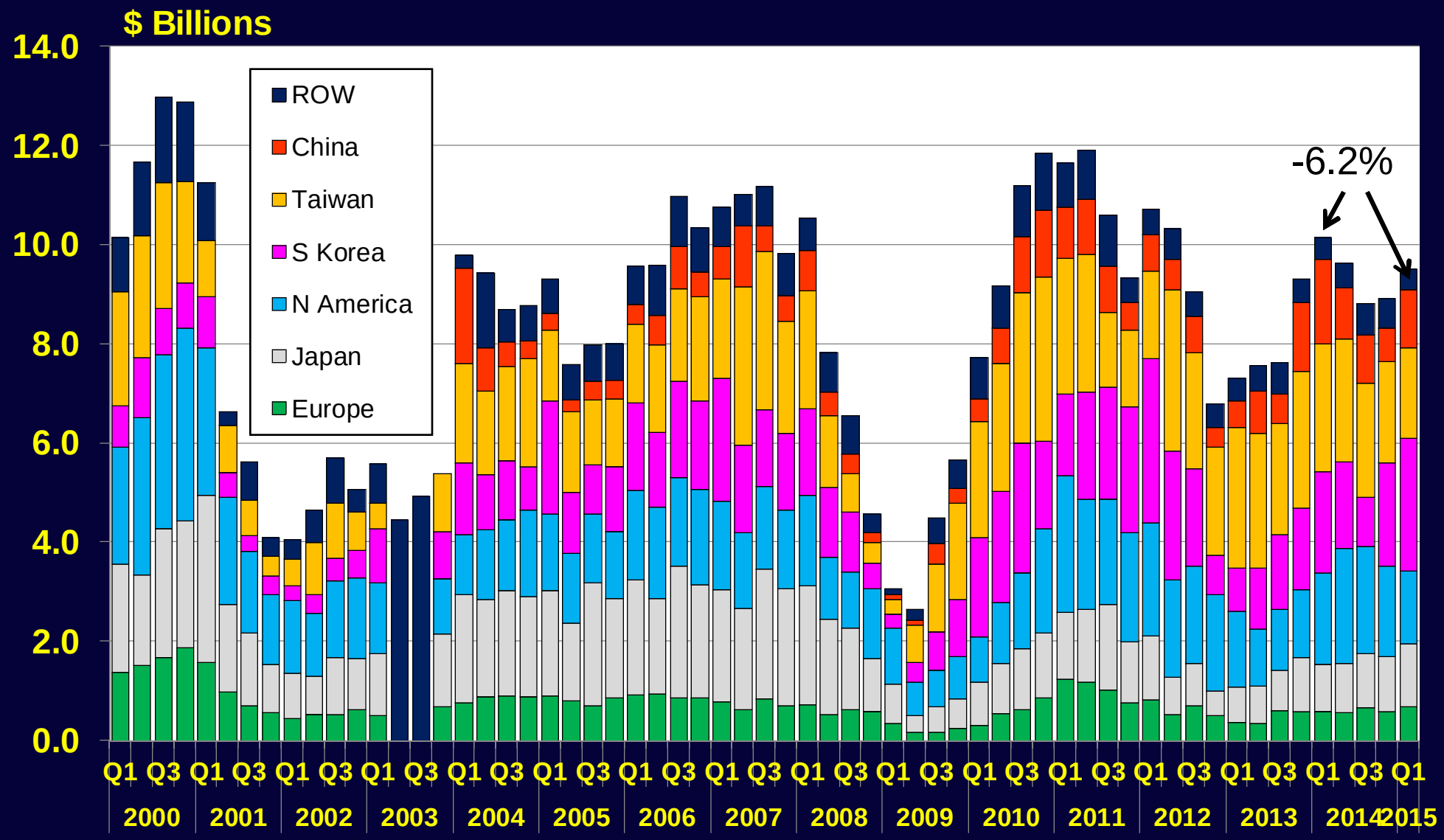
European Electronic Supply Chain Growth Feb-Apr'15 vs Feb-Apr'14



Euro denominated growth rates; Eurostat, SIA & Custer Consulting Group

Chart 23

Semiconductor Capital Equipment Shipments by Area

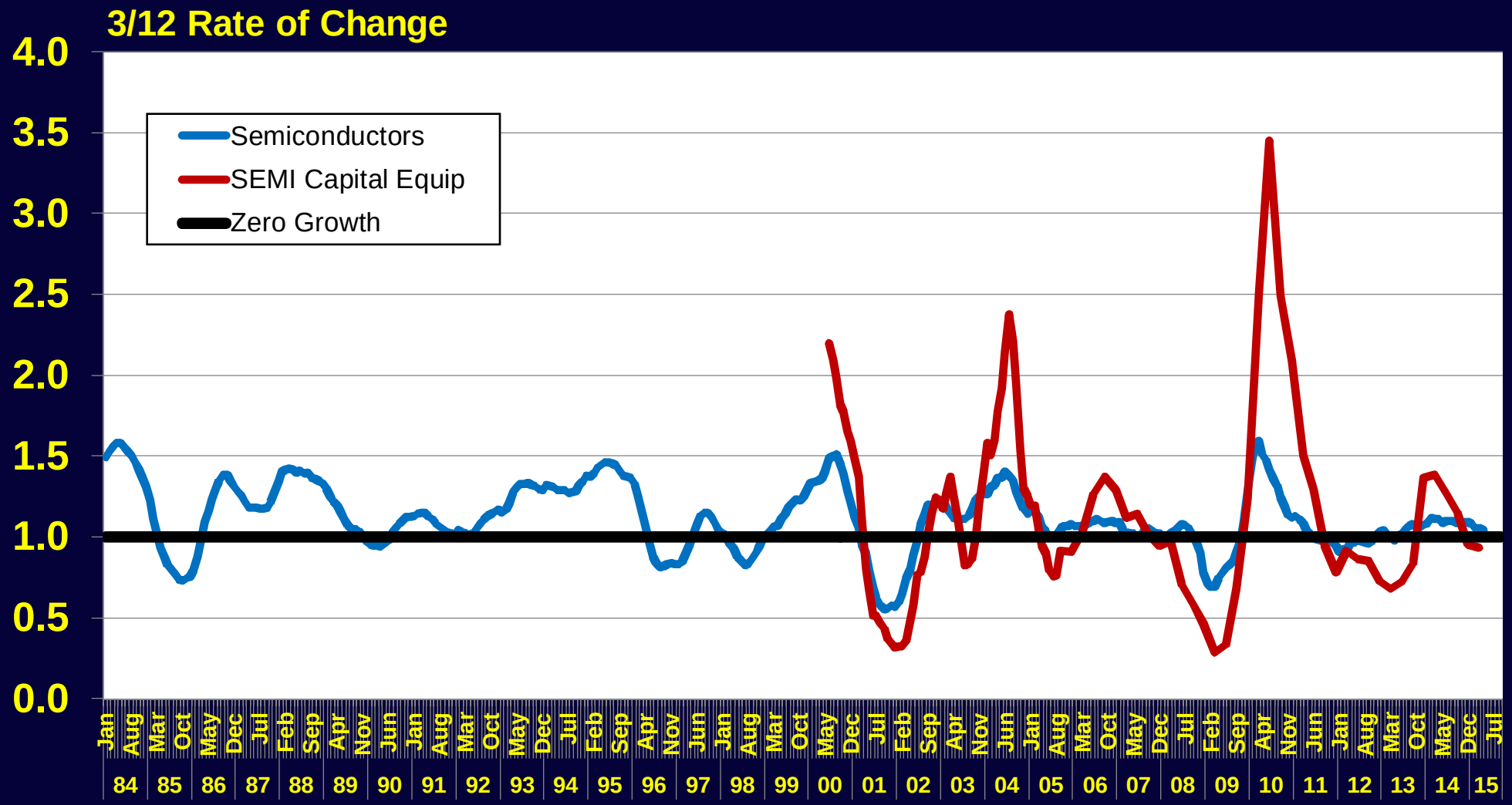


www.semi.org, www.seaj.or.jp/ 6/15

Chart 24

Global Semiconductor & Semiconductor Capital Equipment

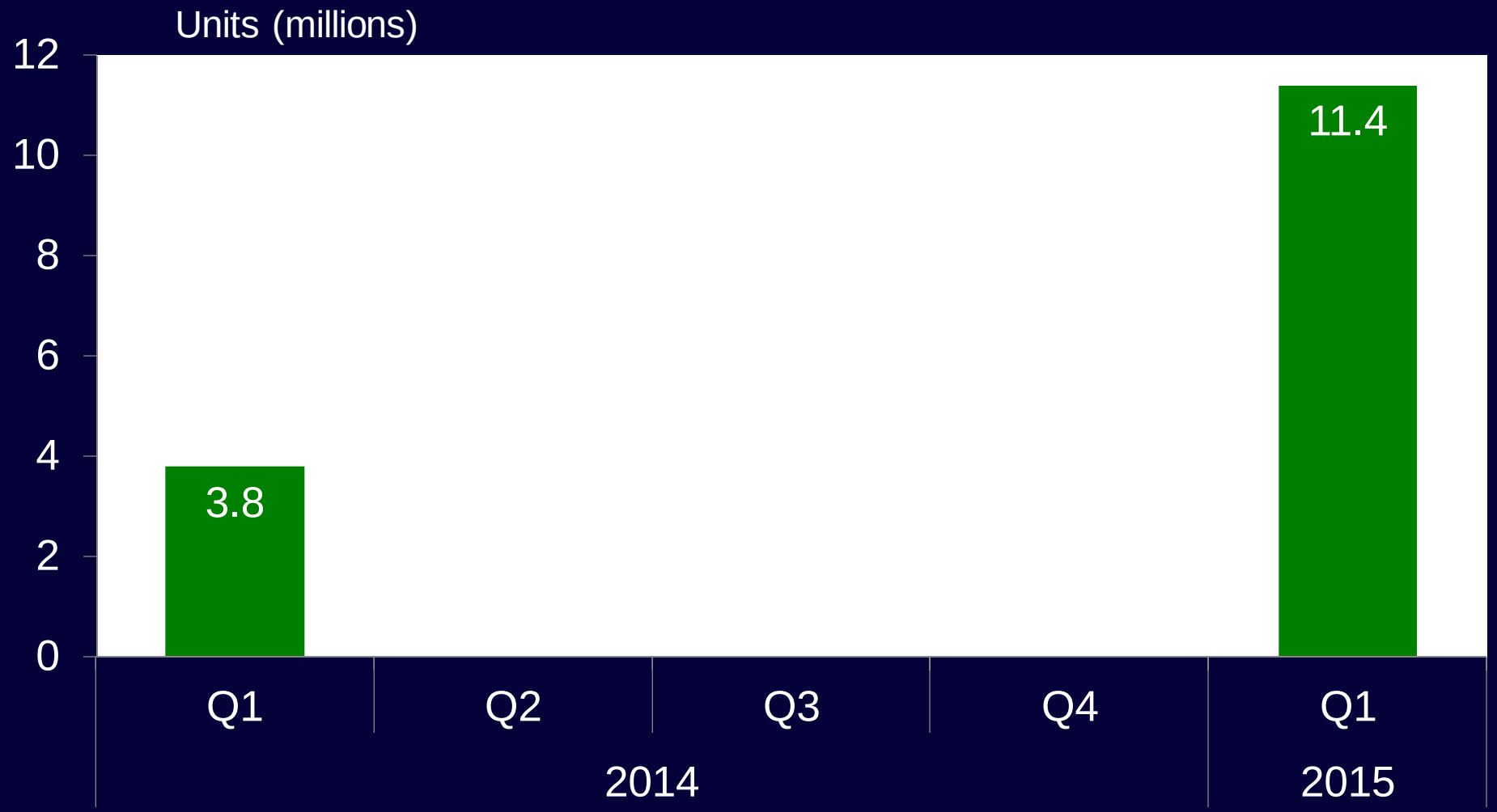
3-Month Shipment Growth Rates on $ Basis



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

Chart 25

Wearables
Global Shipments

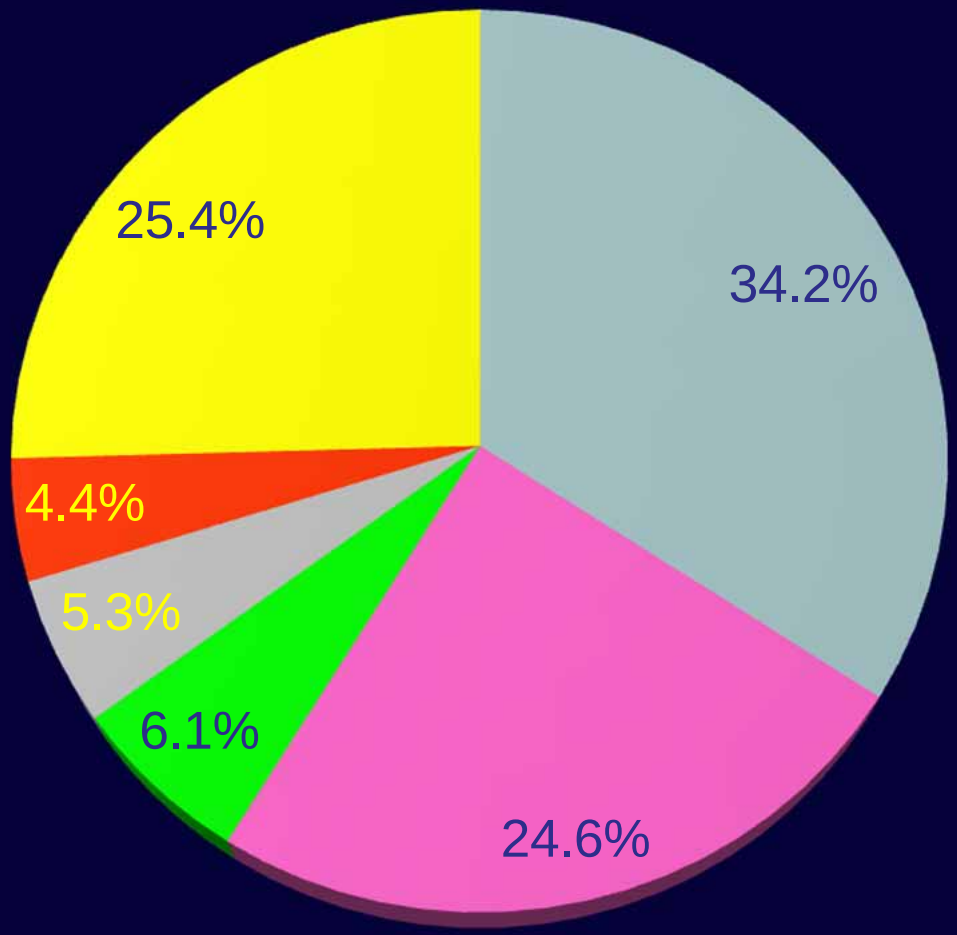


IDC 6/15

Chart 26

Wearables Vendors 1Q'15

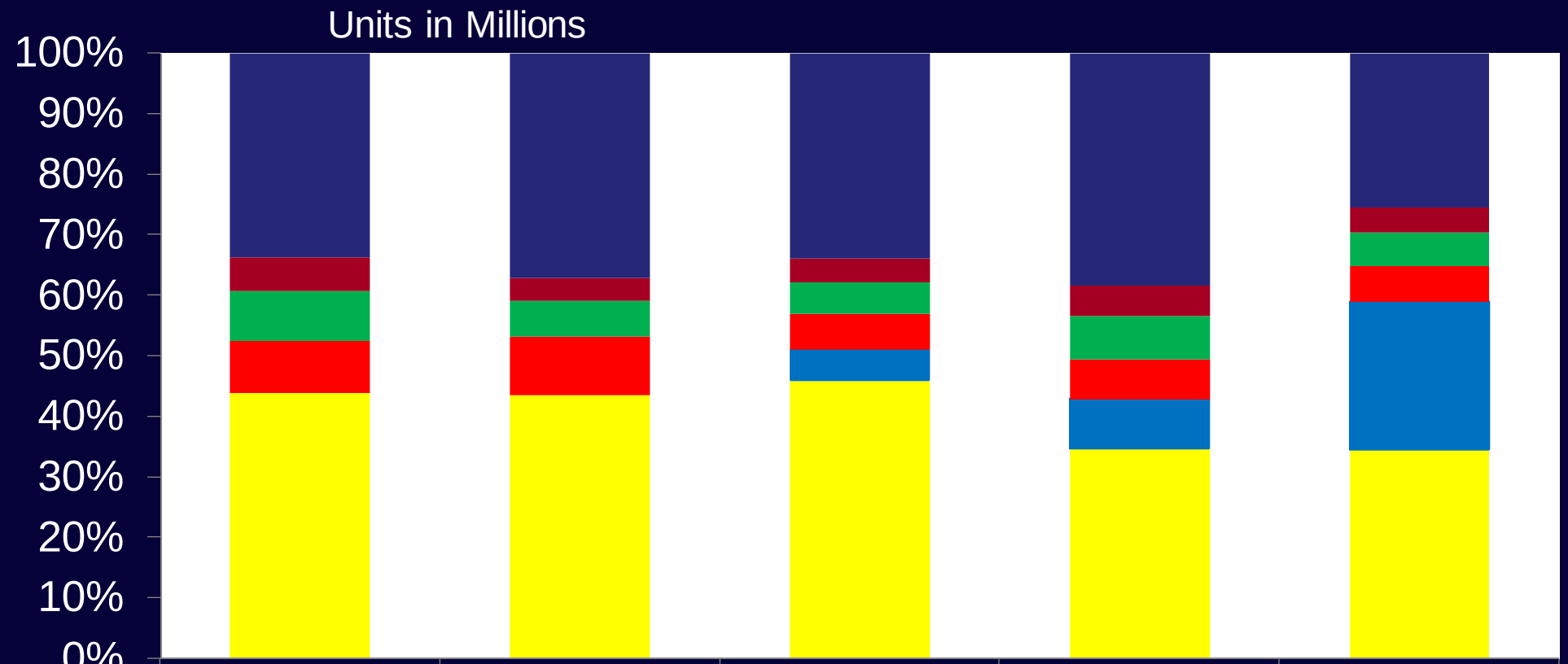
$



1Q'15 Total: 11.4 Million Wearables

Chart 27

Wearable Vendors
Global % Share of Largest Suppliers

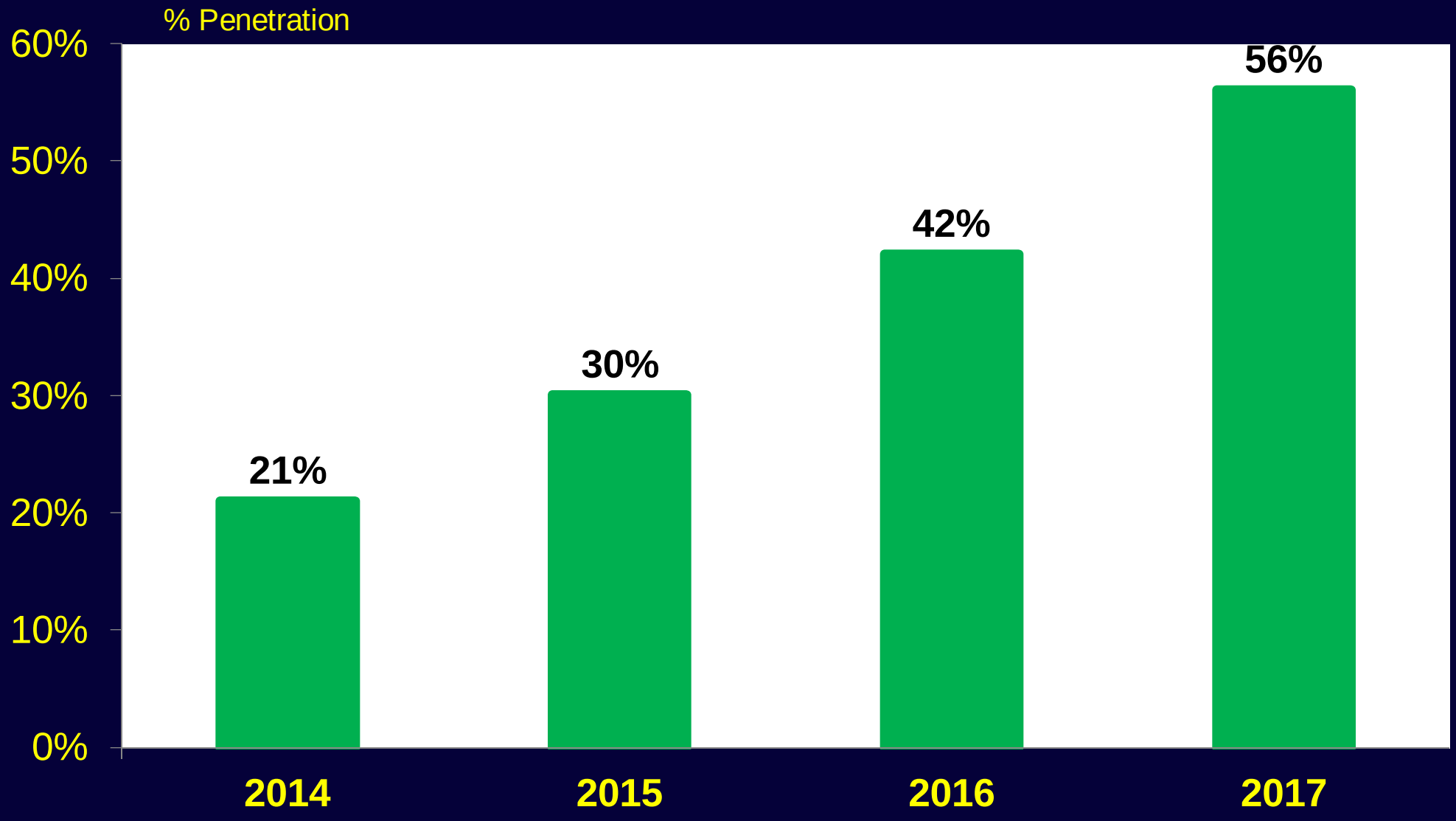


	Q1 2014	Q2 2014	Q3 2014	Q4 2014	Q1 2015
Others	33.6	37.1	33.9	38.3	25.4
Jawbone	5.6	3.8	3.9	5.1	4.1
Samsung	8.3	5.9	5.2	7.1	5.6
Garmin	8.6	9.8	6.0	6.6	5.9
Xiaomi			5.1	8.2	24.5
Fitbit	43.9	43.5	46.0	34.7	34.5

IDC 6/15

Chart 28

Solid State Drive Market Penetration in Notebook Computers



Trendforce 6/15