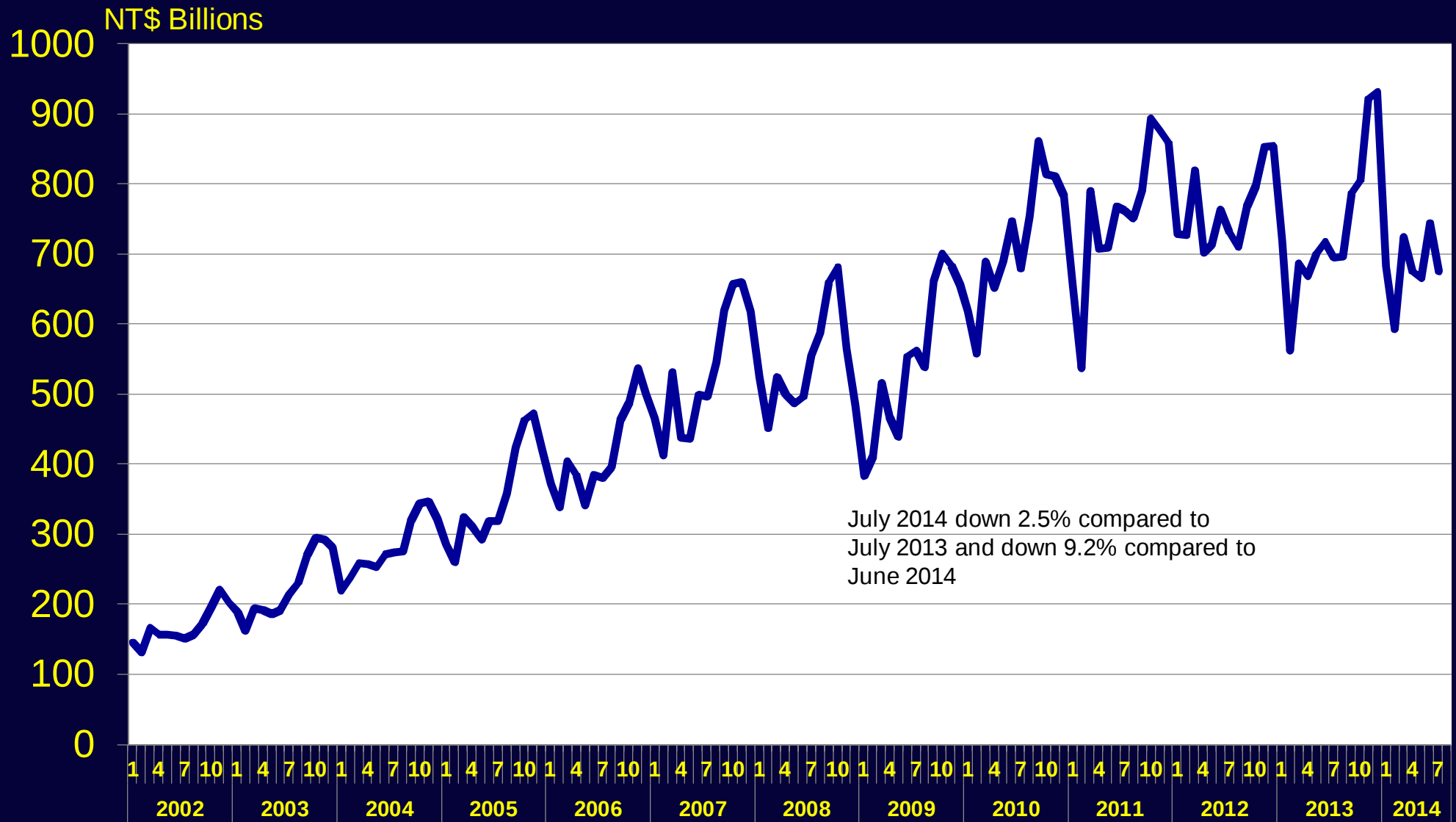


Chart 1

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

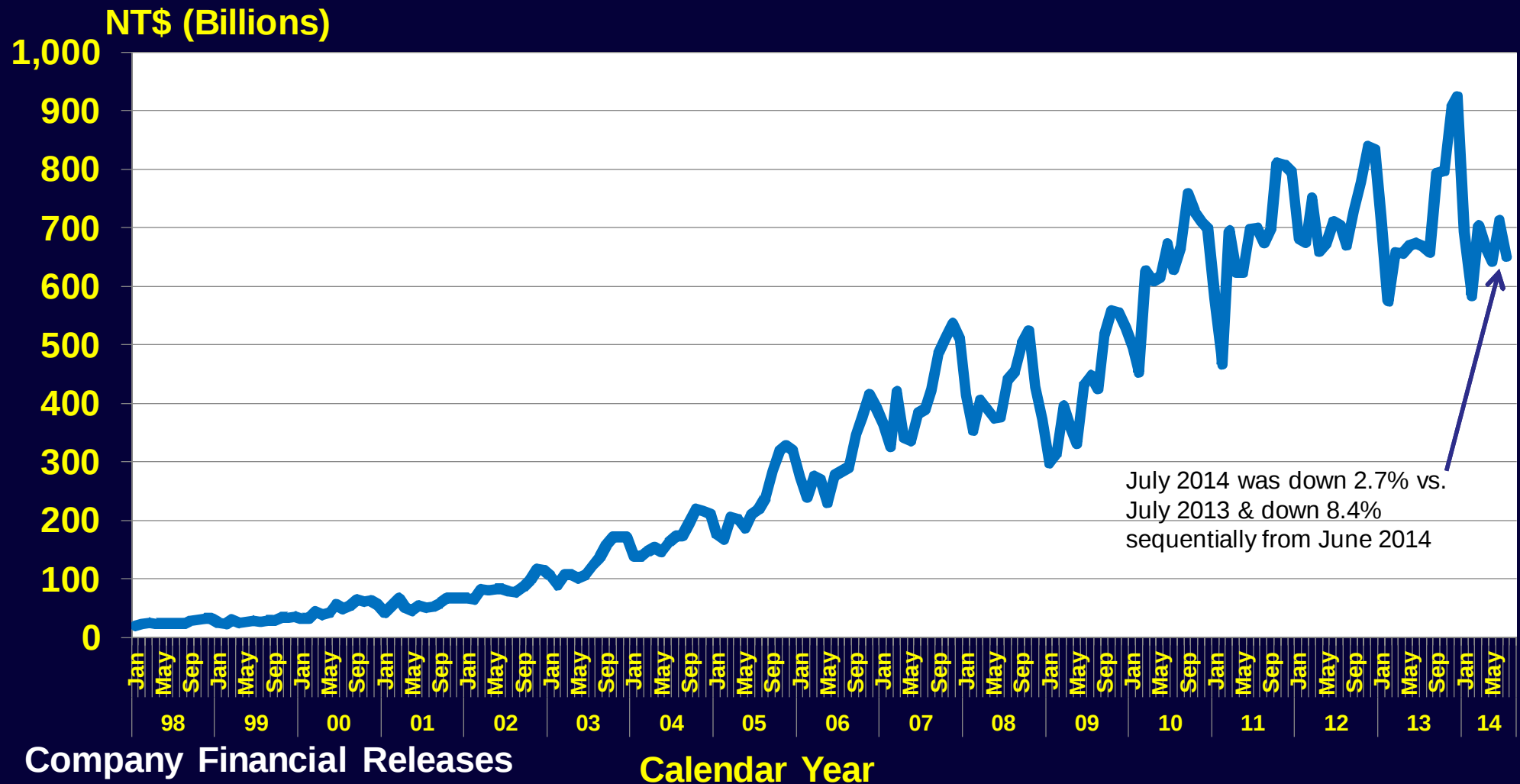


Taiwan listed companies, often with significant manufacturing in China

Chart 2

Taiwan ODM Companies

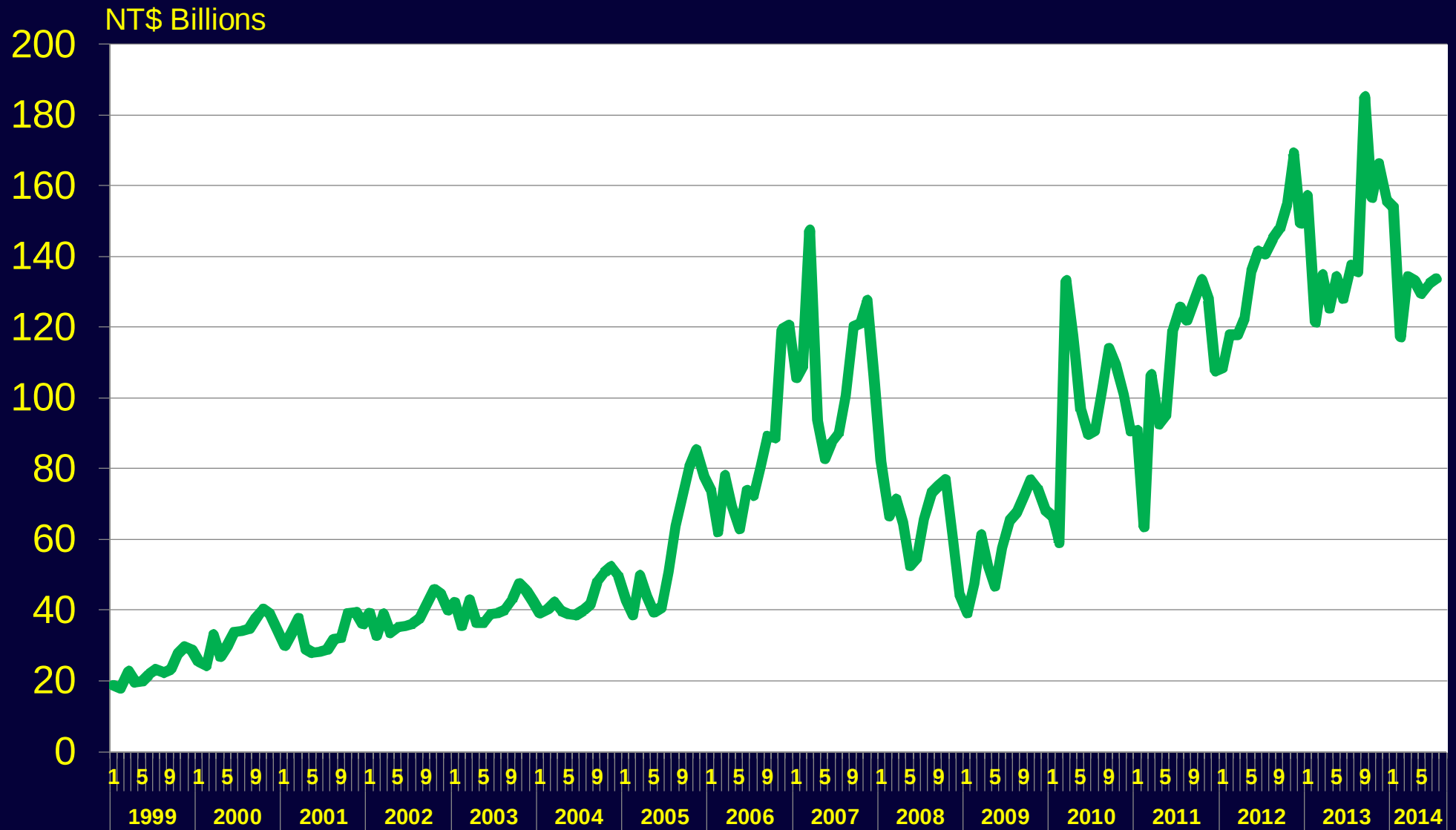
Composite Sales of 11 Large Manufacturers



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

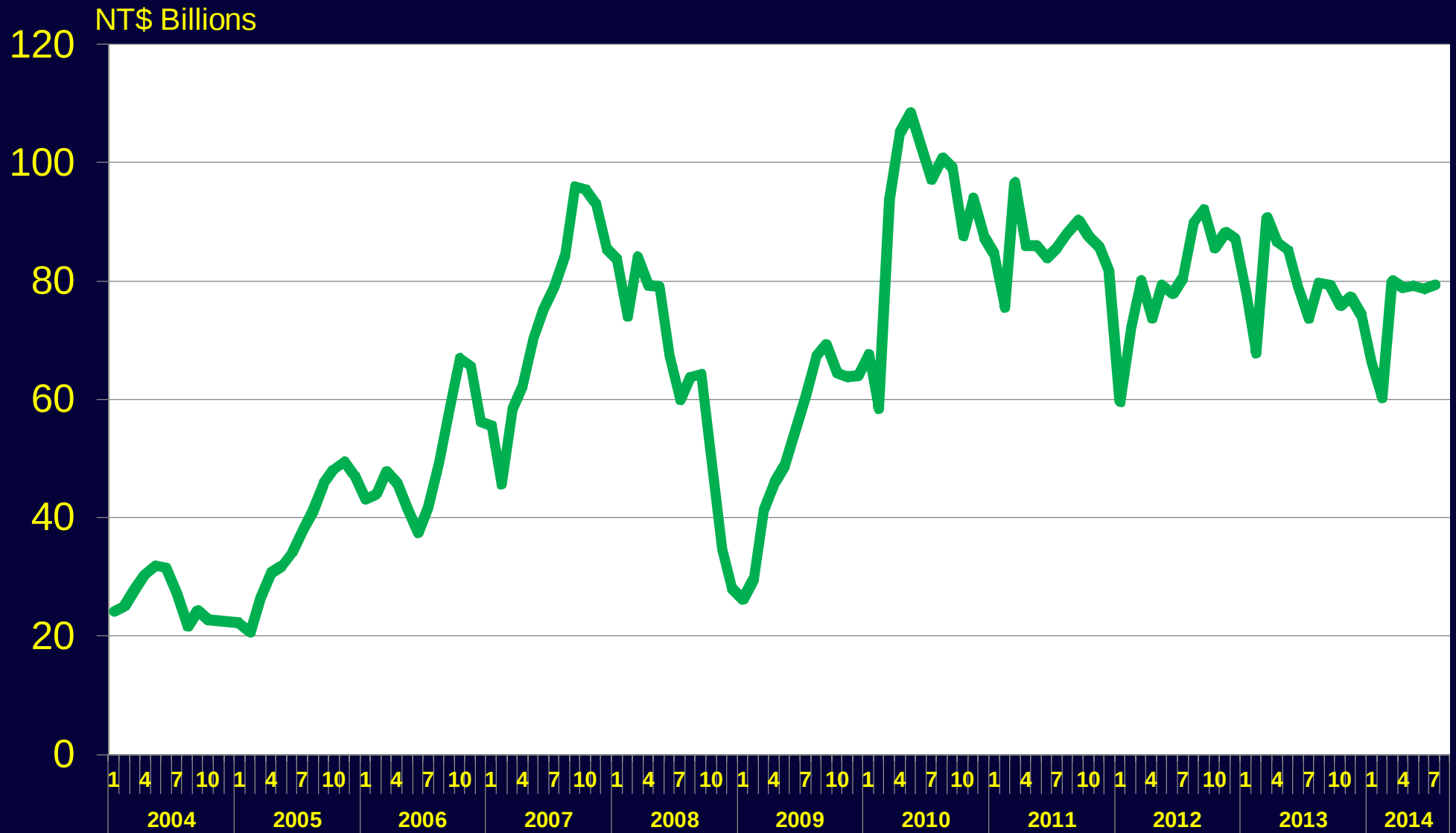
Taiwan/China Motherboard Vendor Sales Composite of 22 Manufacturers



Taiwan listed companies, often with significant manufacturing in China

Chart 4

Taiwan Display Producers Composite of 6 TFT-LCD Panel Manufacturers



Taiwan listed companies, often with significant manufacturing in China

Chart 5

Taiwan Wafer Foundry Composite vs. Global Semiconductor Revenues

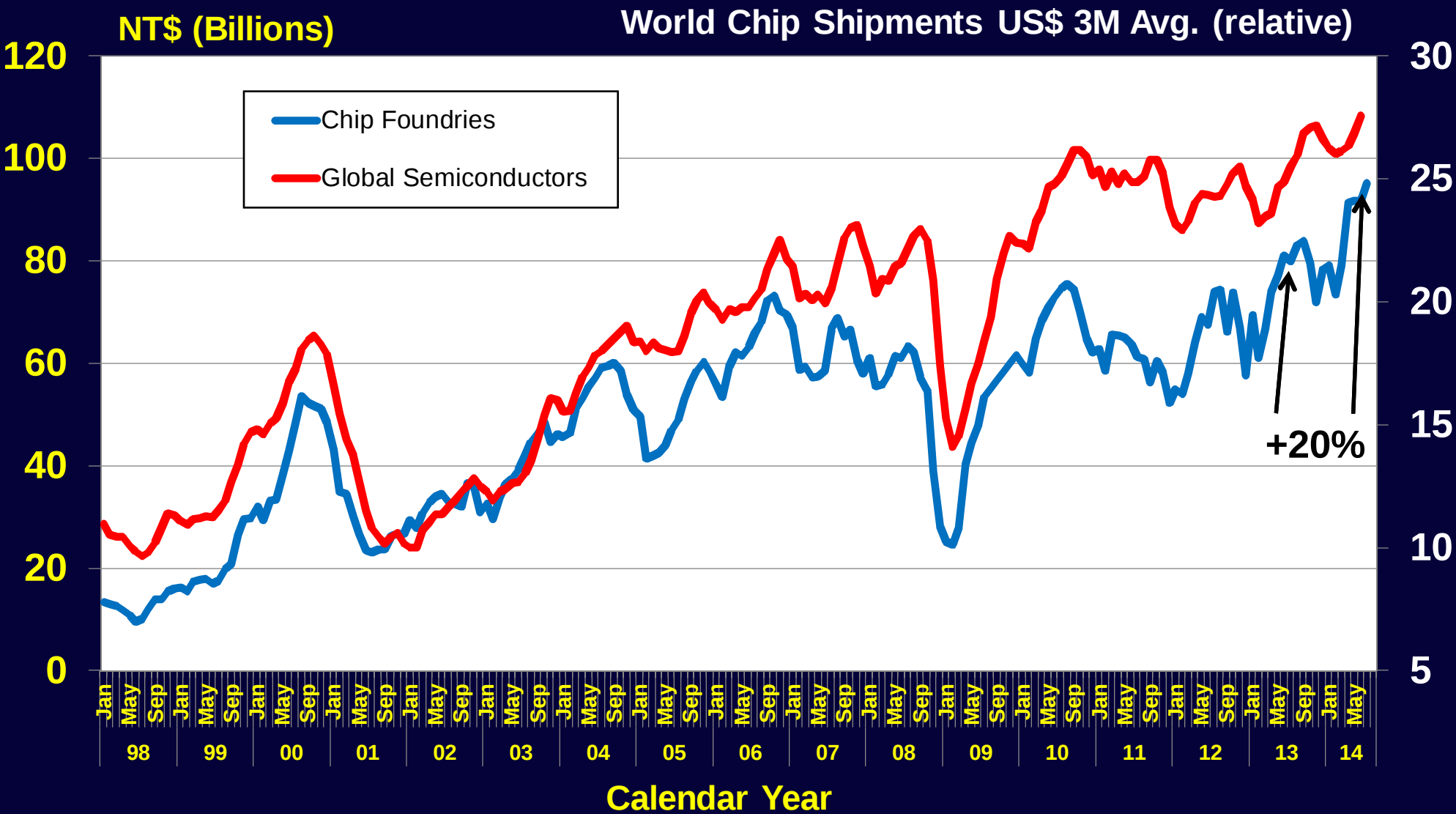


Chart 6

Taiwan Package & Test Companies Composite of 20 Manufacturers

NT\$ Billions



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 7

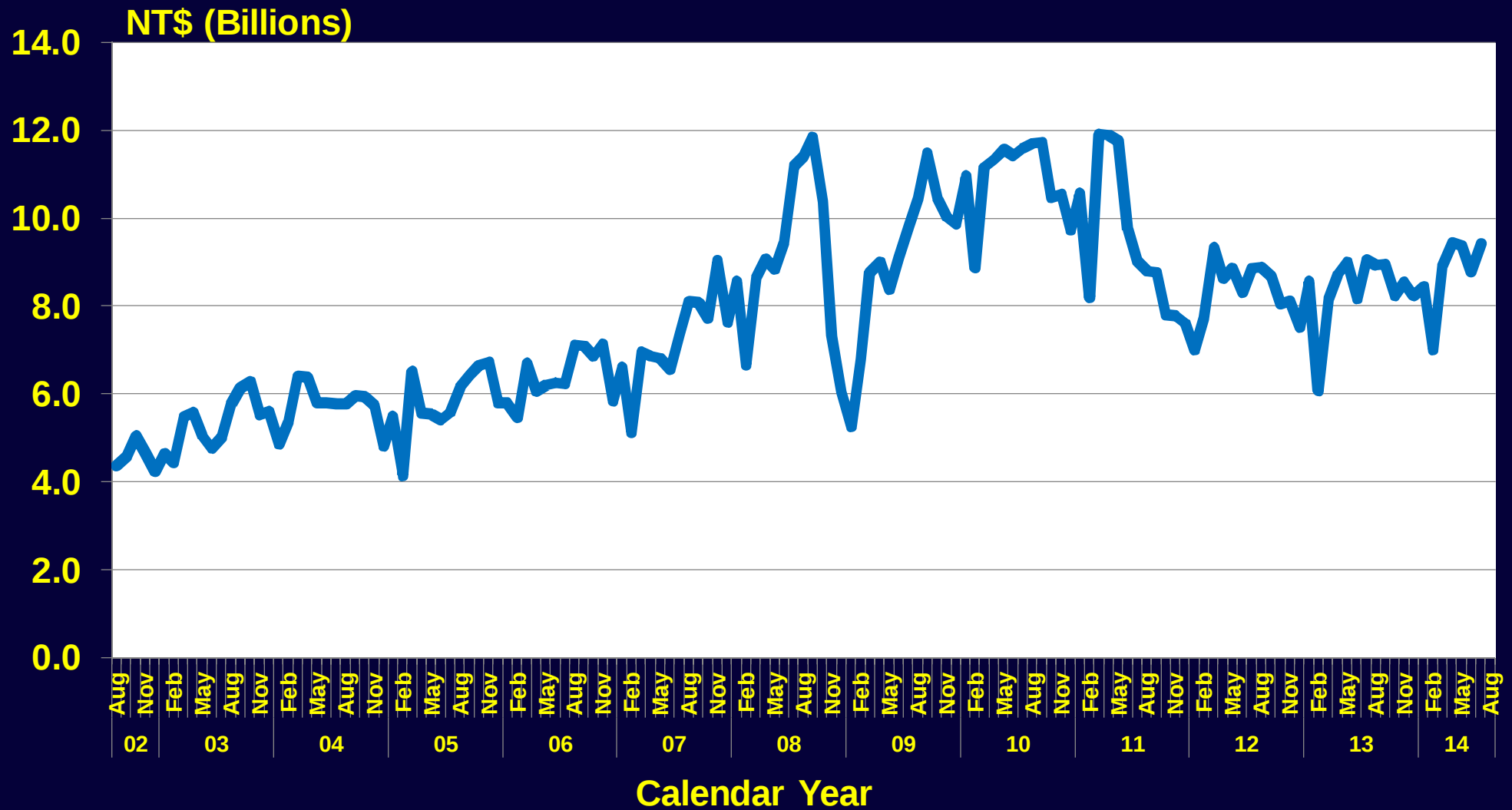
Taiwan Memory Companies Composite of 8 Manufacturers



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

Chart 8

Taiwan Passive Component Companies Composite of 25 Manufacturers



Chilsin Electronics, Cyntec, (FCE) Feei Cheng Enterprise, Holy Stone Enterprise, 3H (Honey Hope Honest 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)

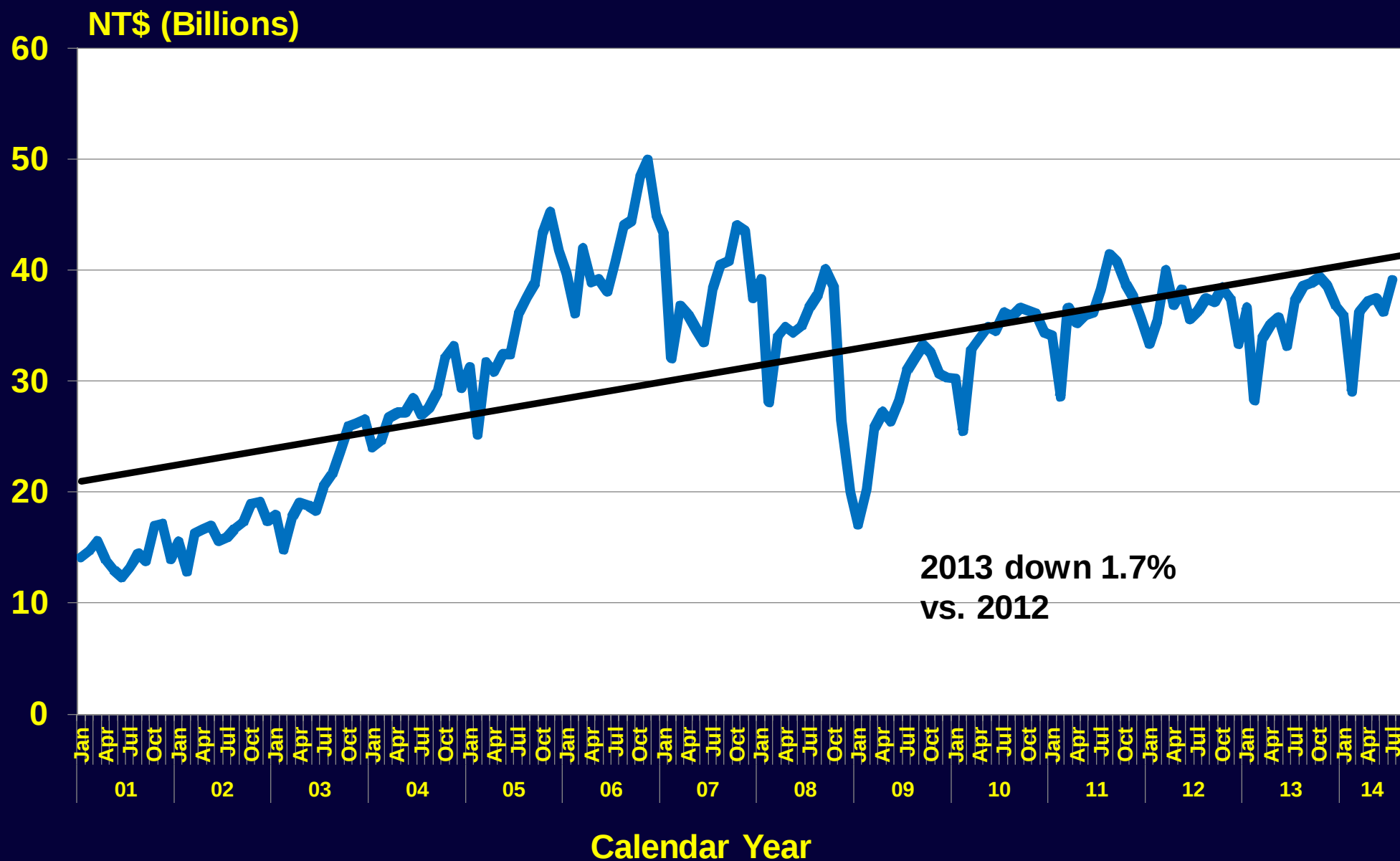
Chart 9

Taiwan Solar/Photovoltaic Panel Companies Composite of 27 Manufacturers



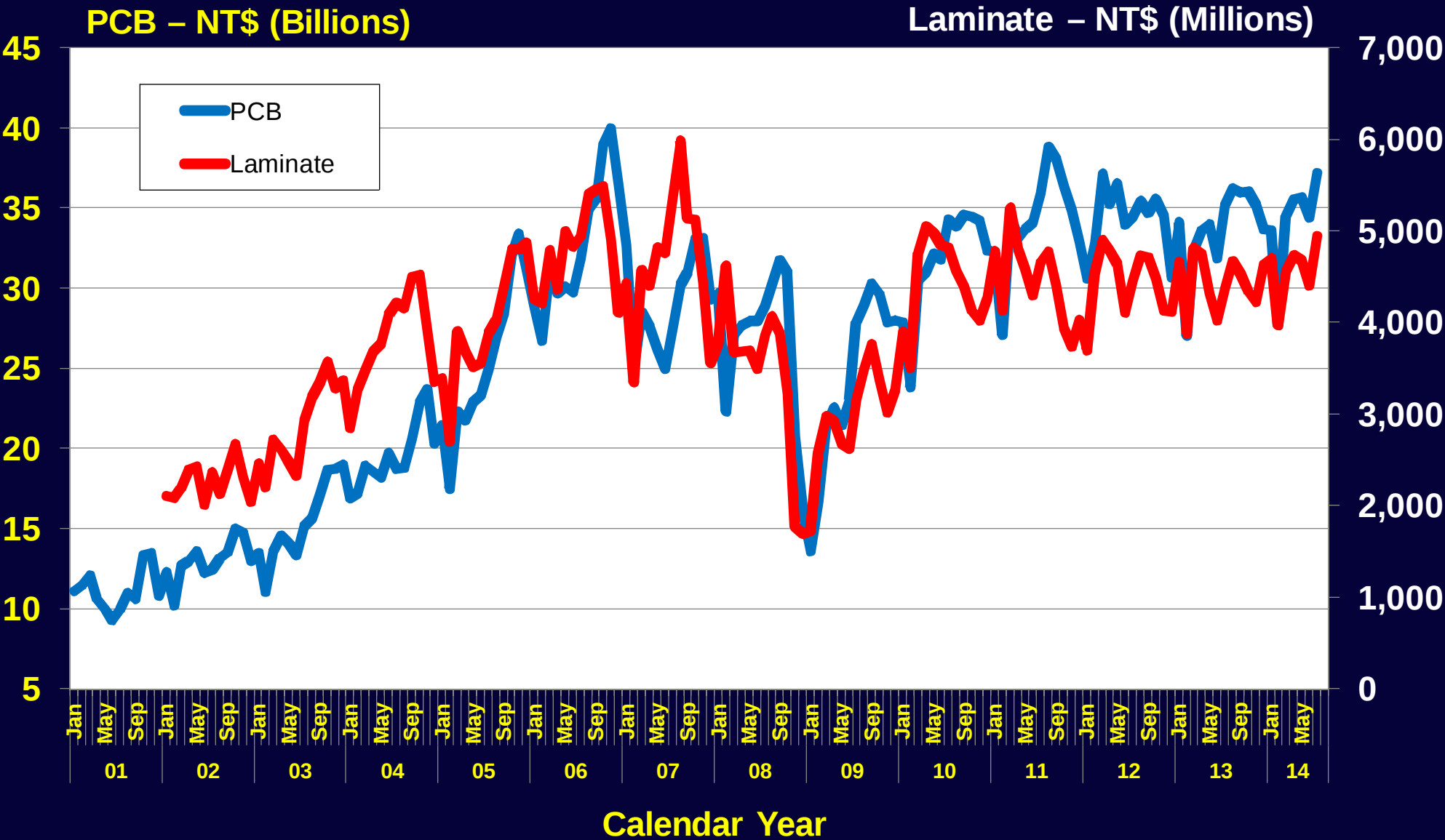
Acter, Big Sun Energy Technology, Chen Full Intl, Danen Technology, Daxon Technology, DeISolar, Delta Electronics, e_TON Solar Tec, Invetec Group, Eversol, Gigasolar materials, Gintech, Green Energy Technology (GET), Higher Way Elec, Kenmec Mechanical, Ligitek, Motech, Neo Solar Power, Phoenixtec Power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

Taiwan Rigid & Flex PCB Shipments Broad Composite of 46 Taiwan-listed Manufacturers

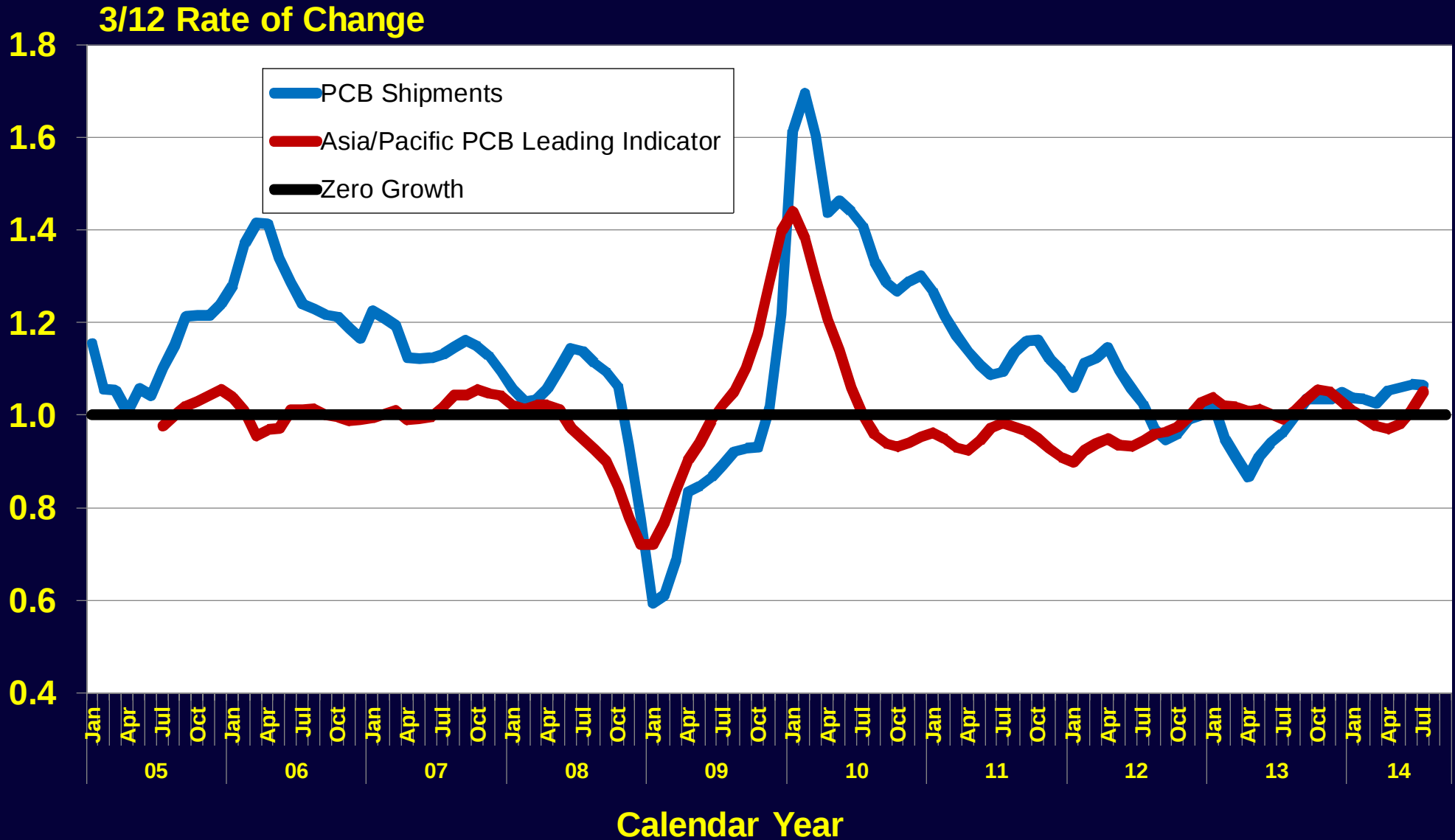


Taiwan Shipments

42 Rigid PCB & 8 Laminate Manufacturers



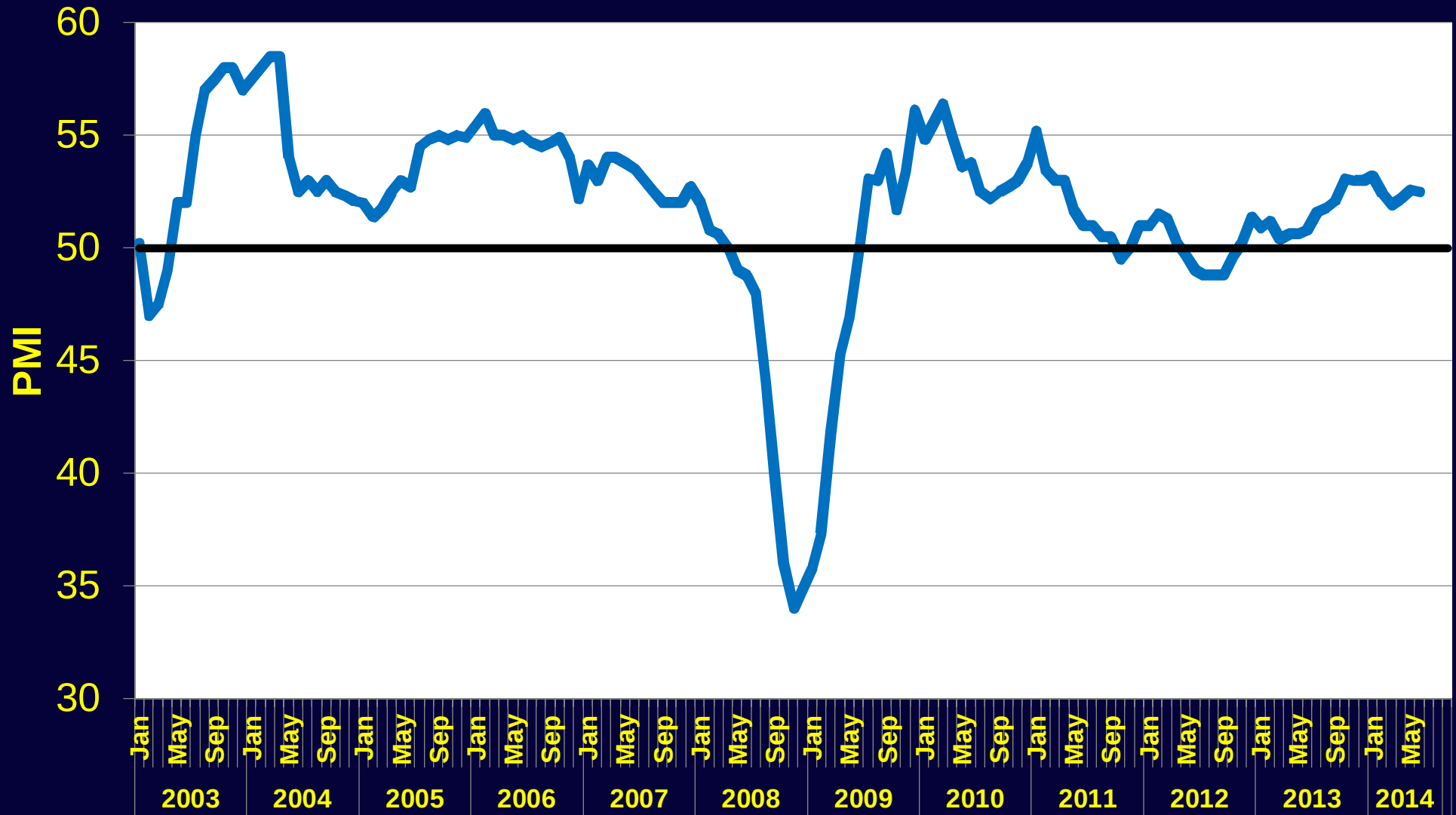
Asia Pacific CCG PCB Leading Indicator vs. China/Taiwan PCB Shipments @ Fluctuating Exchange



Source: Custer Consulting Group

Global "Purchasing Managers" Index

Diffusion Index, >50 = Growth



GDP Growth

Constant \$ Growth Rates Converted @ Constant Exchange Rates

	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
World	2.5	2.5	2.8	3.6	3.8
USA	2.3	2.2	1.8	3.2	3.5
EU	-0.3	0.1	1.4	1.7	1.9
Japan	1.4	1.5	1.3	1.5	1.1
Four Tigers	1.9	2.5	3.4	3.8	3.9
China	7.7	7.7	7.5	7.4	7.5

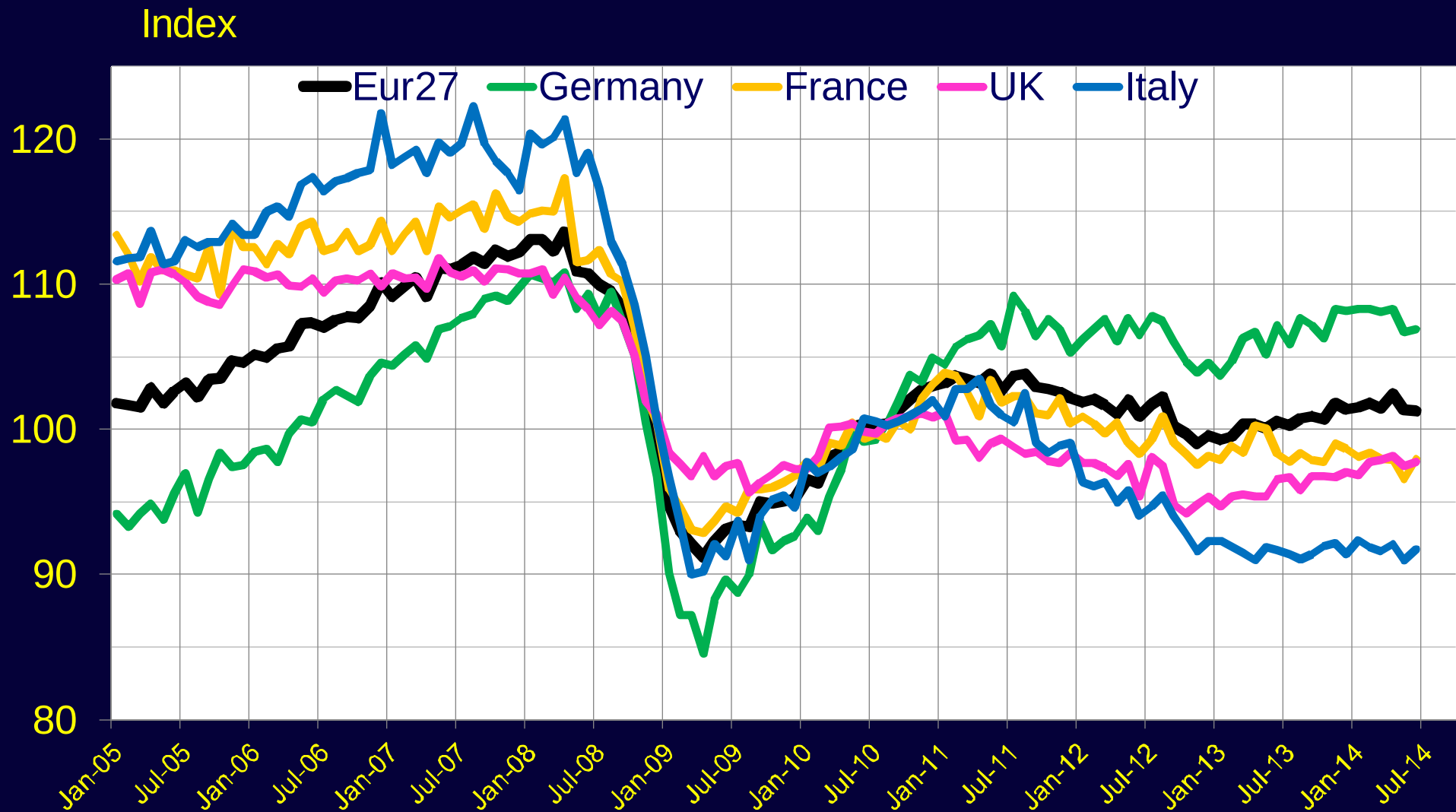
Electronic Equipment Production Growth

Constant \$ Growth Rates Converted @ Constant Exchange Rates

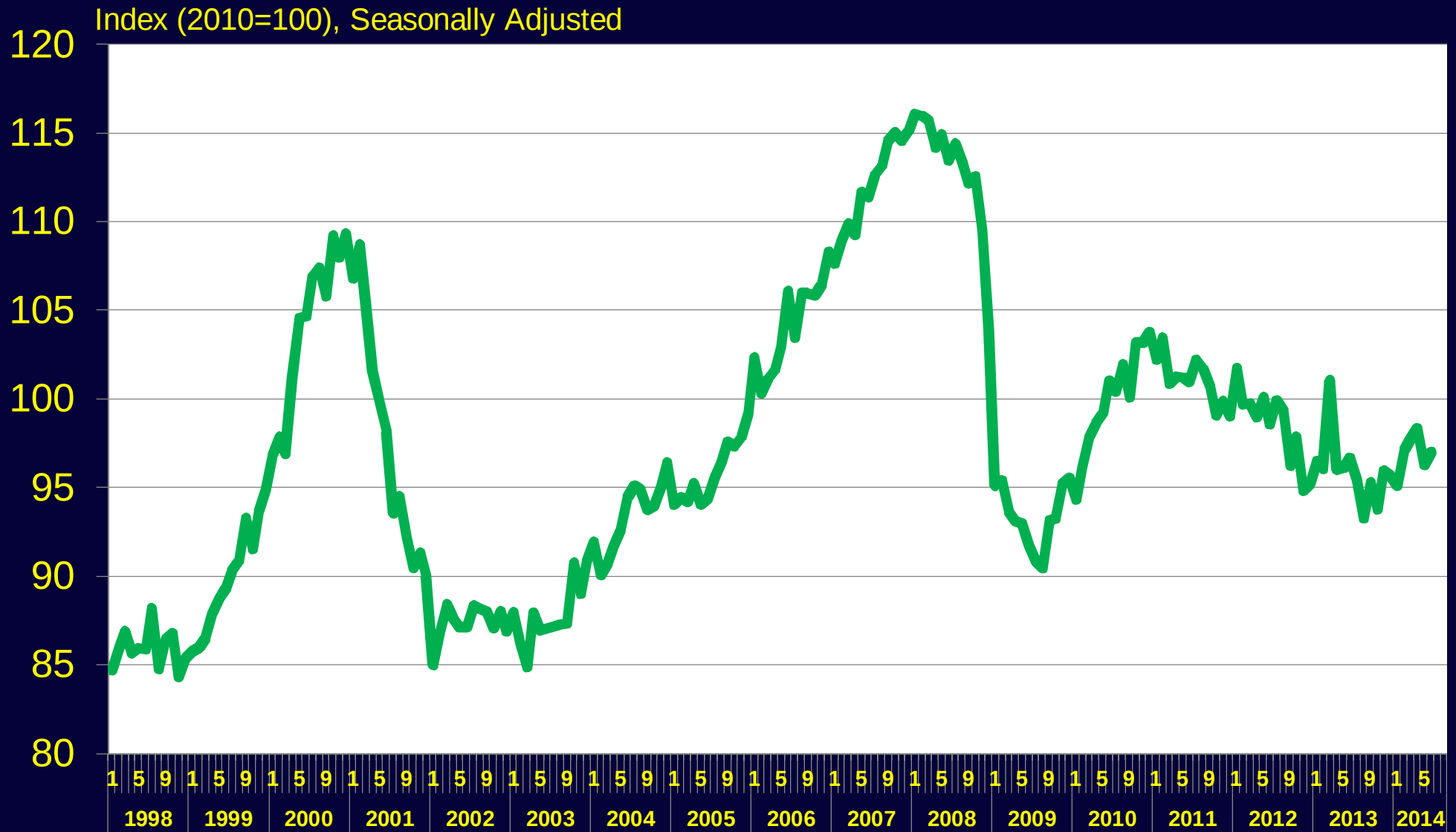
	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
World	1.0	-2.6	3.3	5.0	5.4
USA	-0.9	-4.1	1.5	4.5	4.8
W. Europe	-3.4	-3.6	1.3	2.4	3.0
Japan	-2.6	-10.3	1.7	2.6	3.0
Four Tigers	-1.2	2.3	4.1	5.4	5.6
China	2.6	-2.4	3.8	5.5	6.1

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

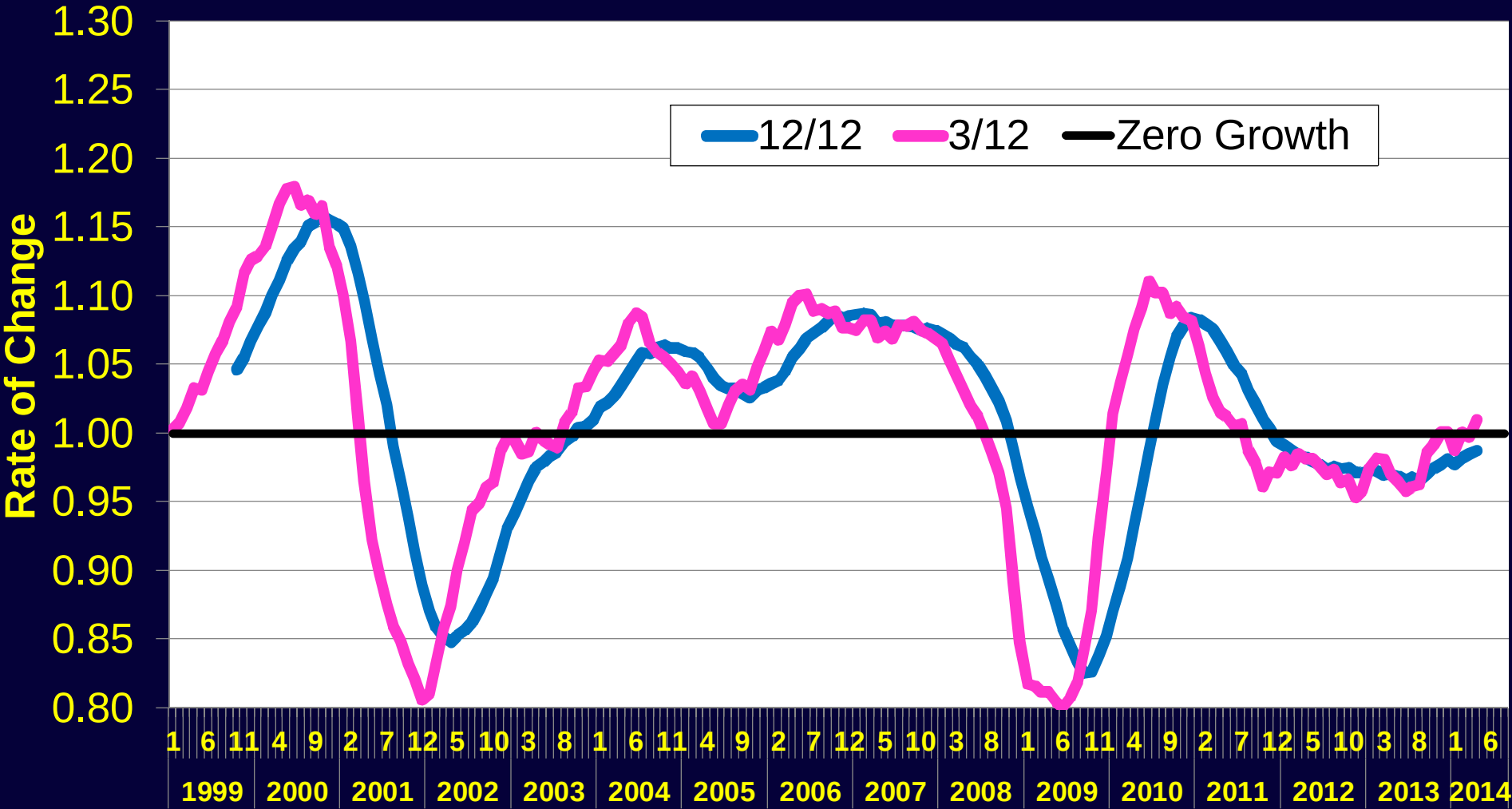


Chart 19

European Motor Vehicle Production

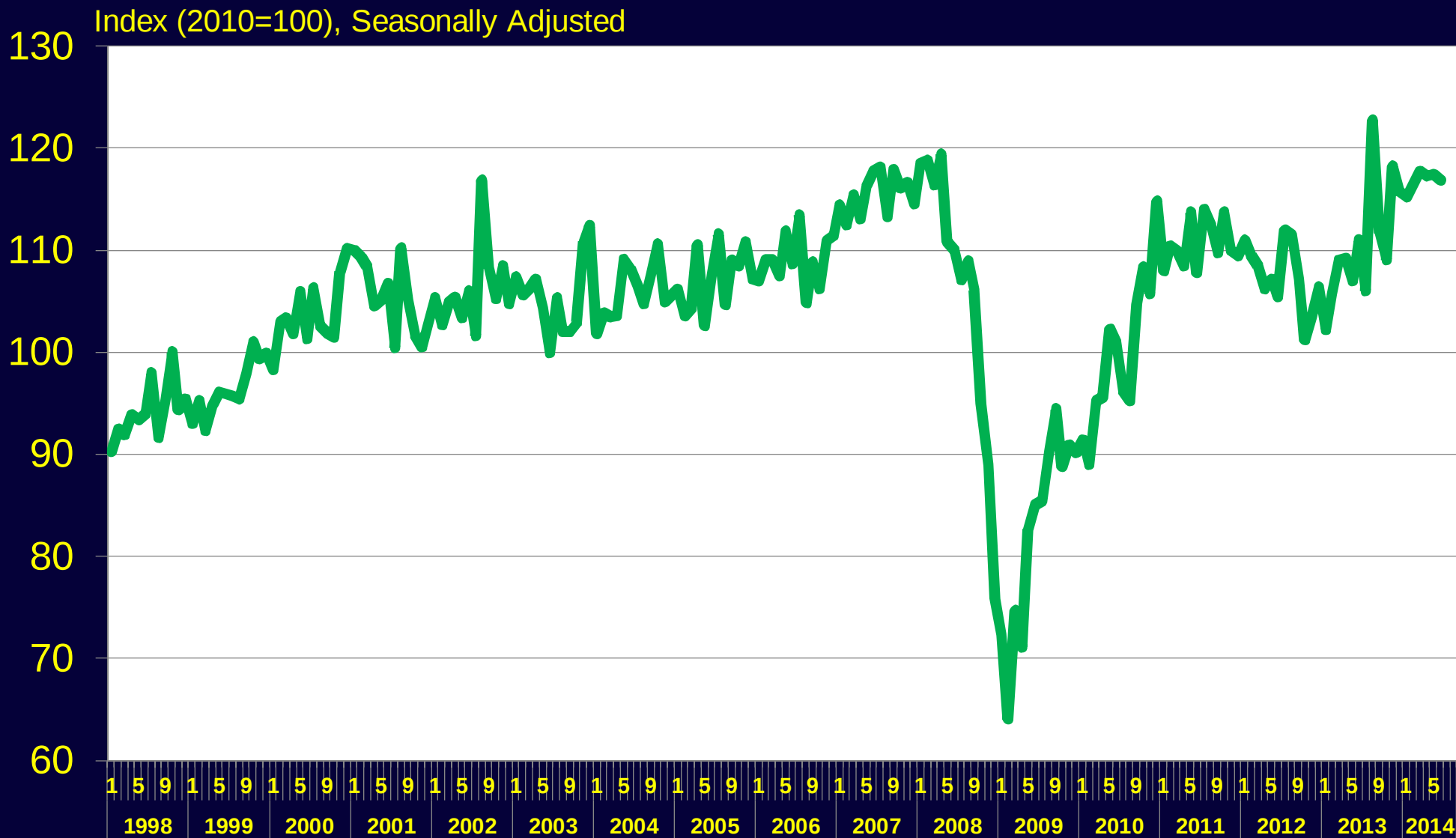


Chart 20

European Production - Aircraft, Spacecraft & Related Equipment

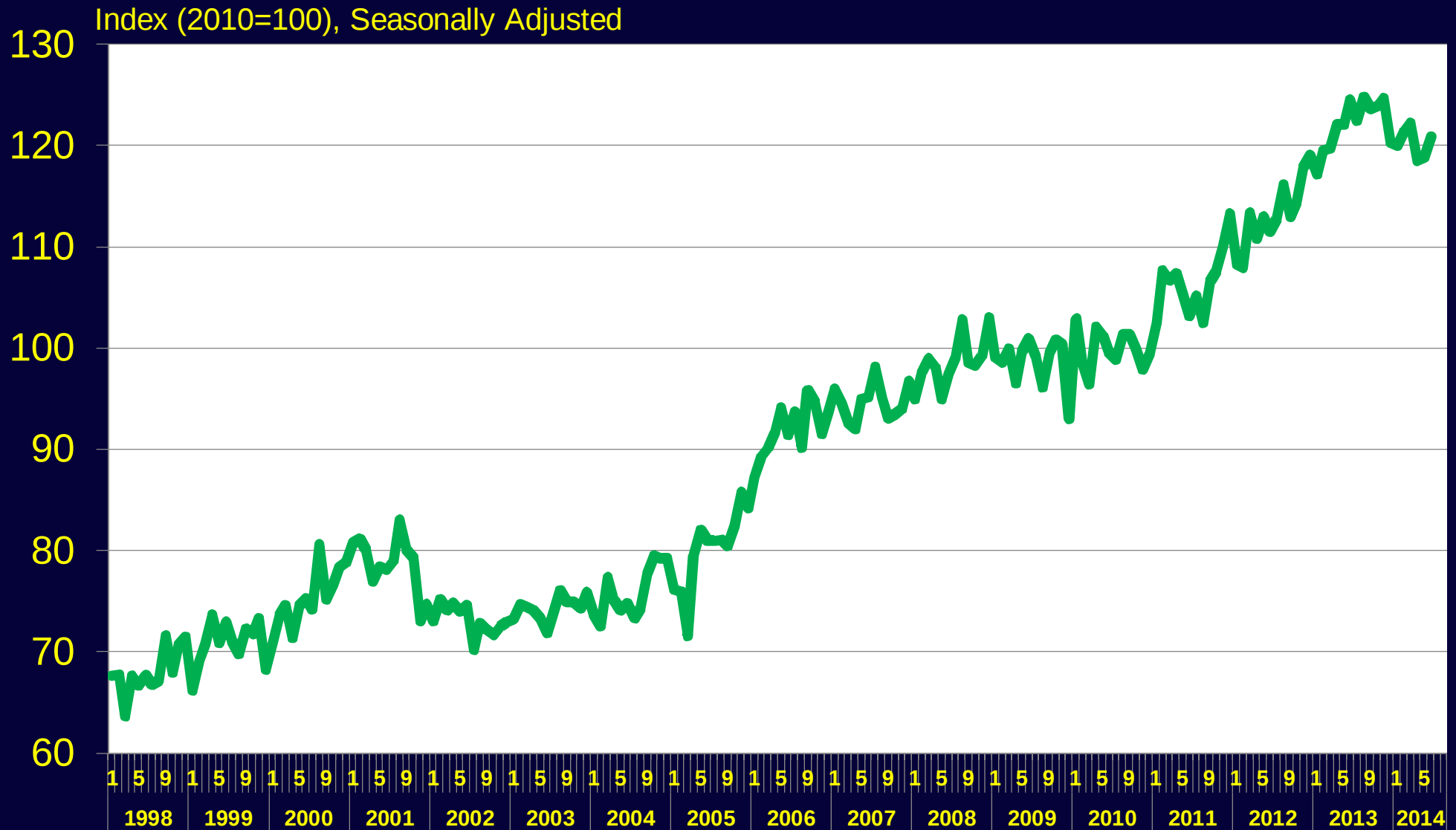


Chart 21

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

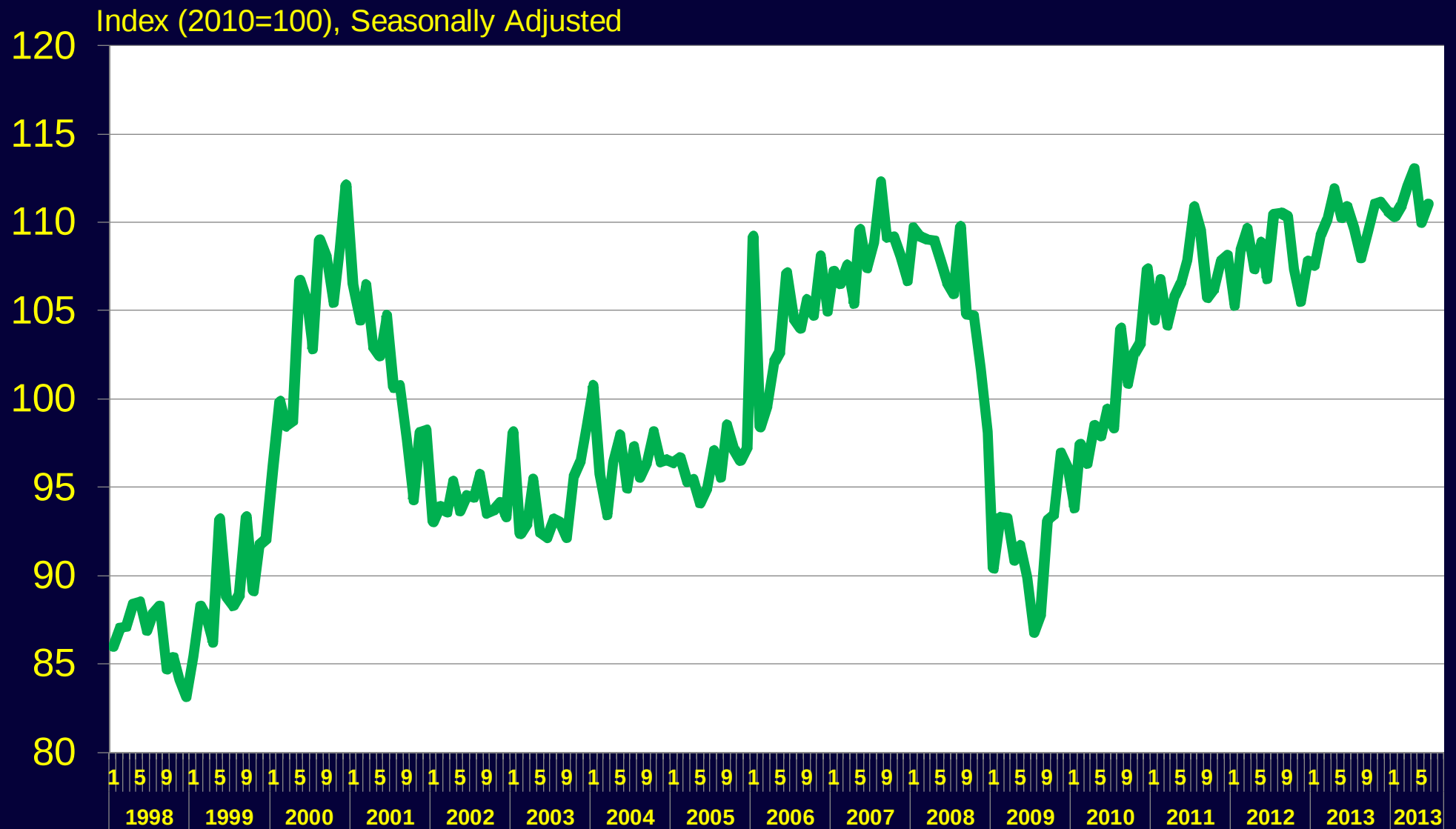


Chart 22 **European Production - Irradiation, Electromedical & Electrotherapeutic Equipment**

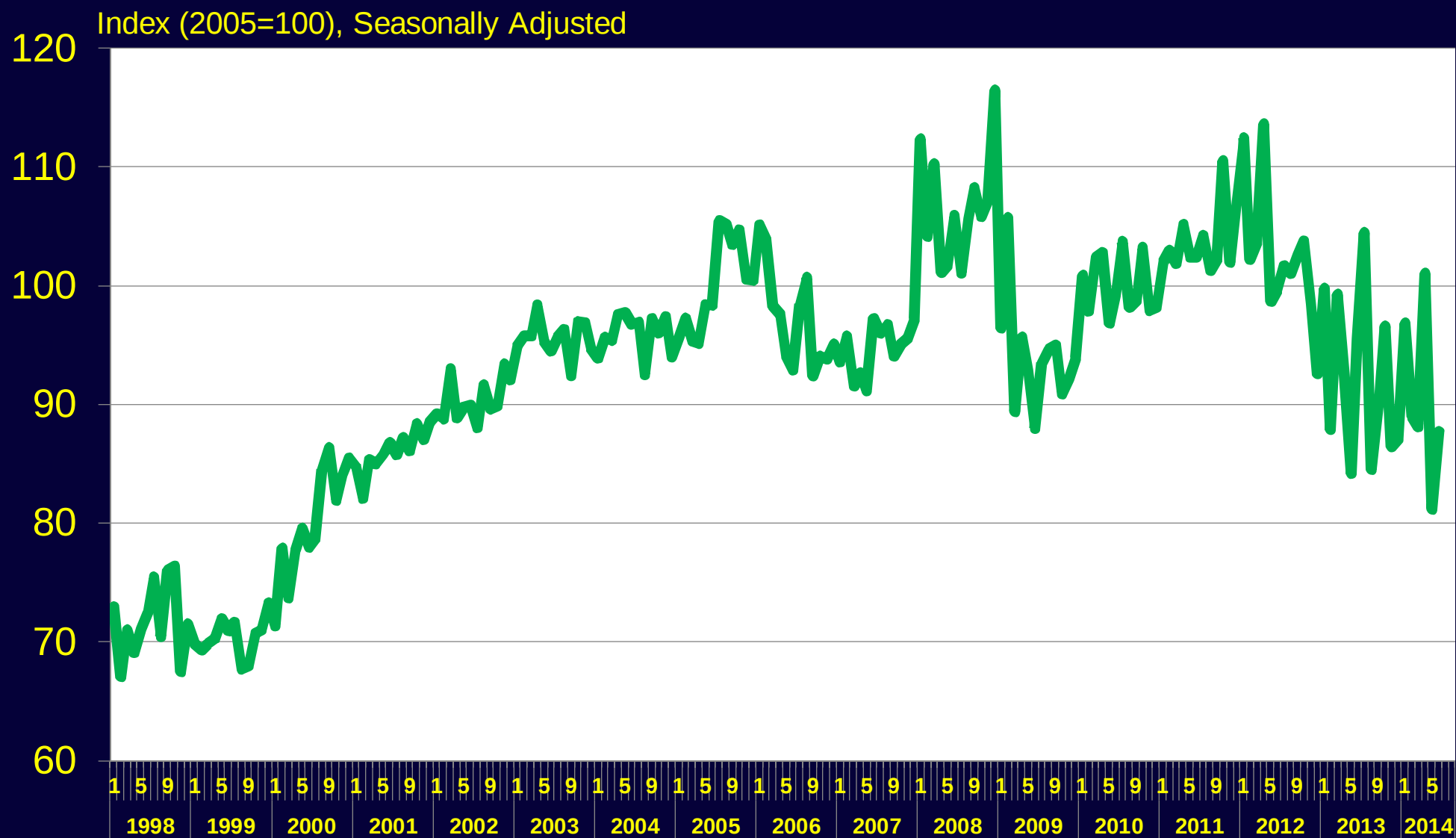


Chart 23

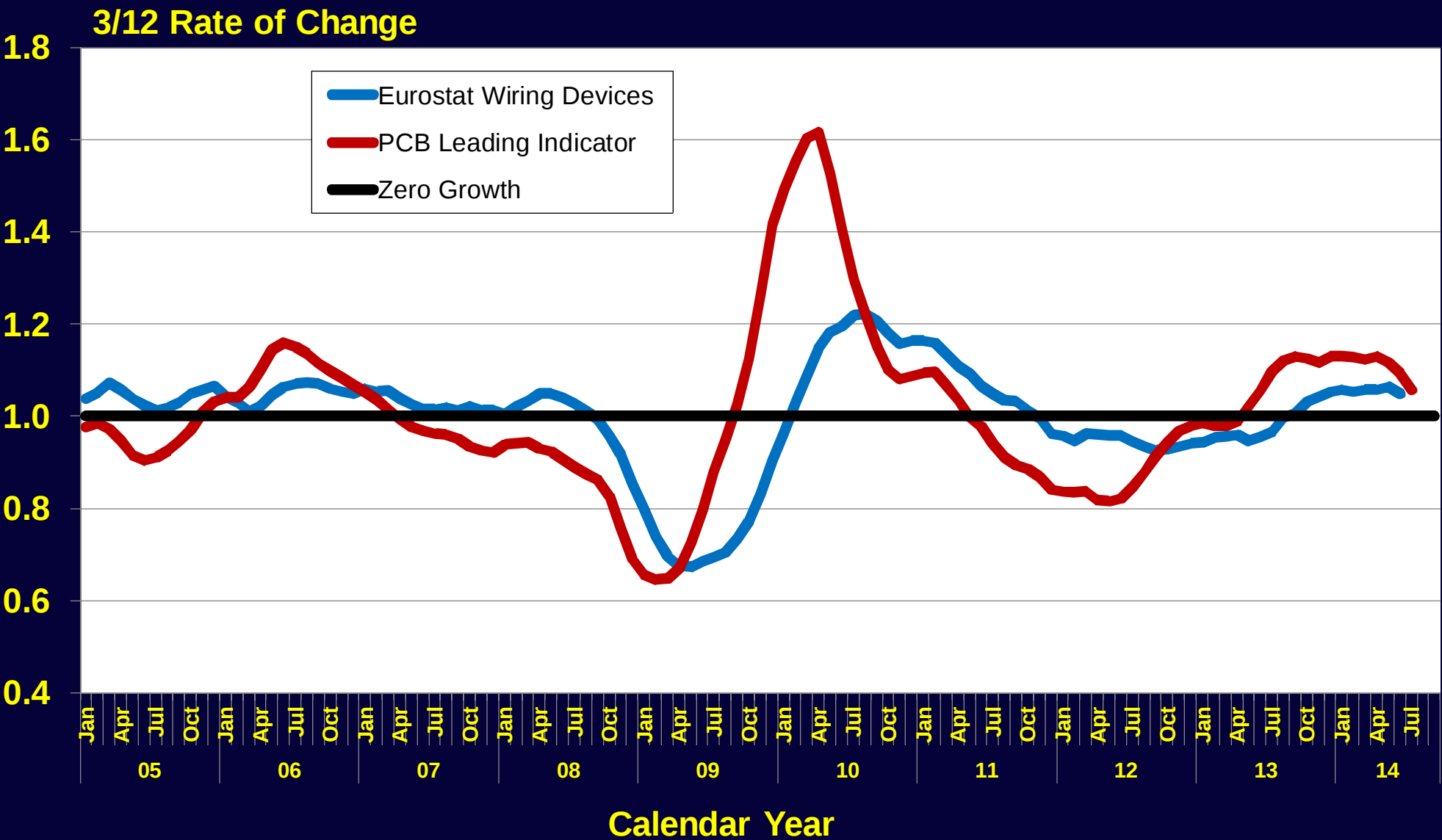
European Loaded Electronic Board Production



European Electronic Wiring Devices



Europe PMI Leading Indicator vs. Europe Wiring Devices



European Electronic Supply Chain Growth 2Q'14 vs 2Q'13

