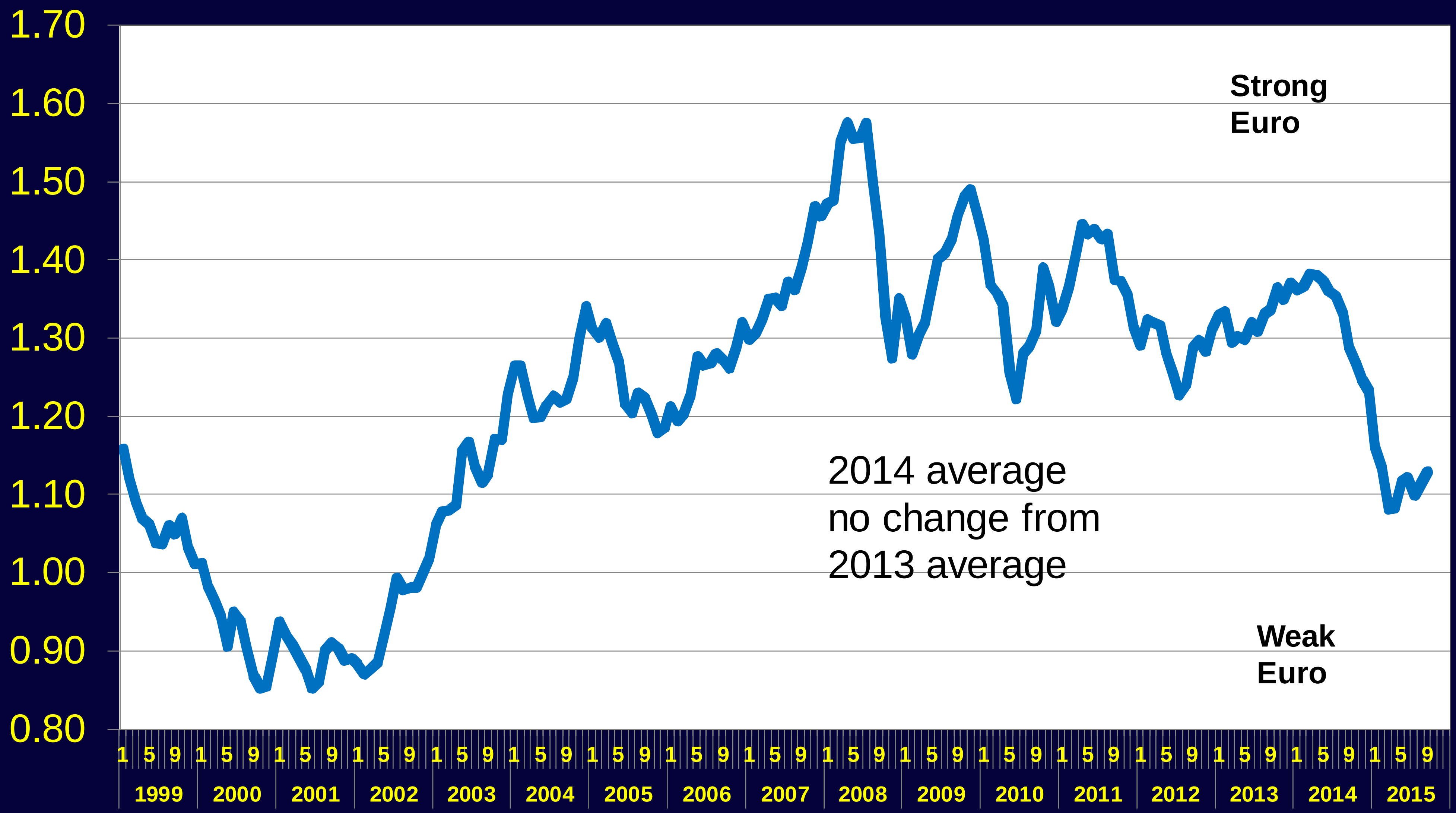
Chart 1

Euro vs. U.S. Dollar

US$/Euro

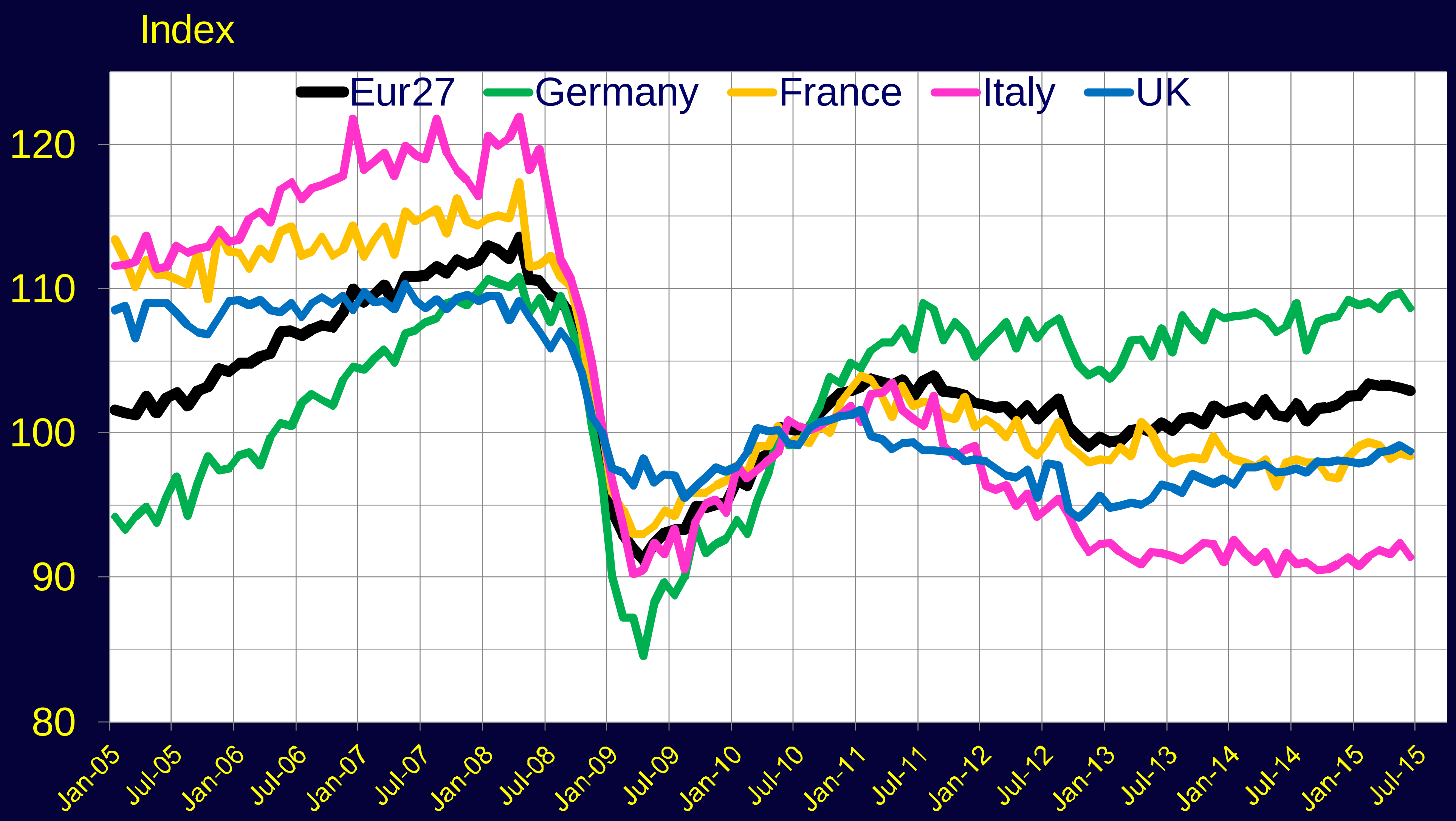


http://research.stlouisfed.org/fred2/series/TWEXBMTH

Chart 2

Industrial Production - Europe

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

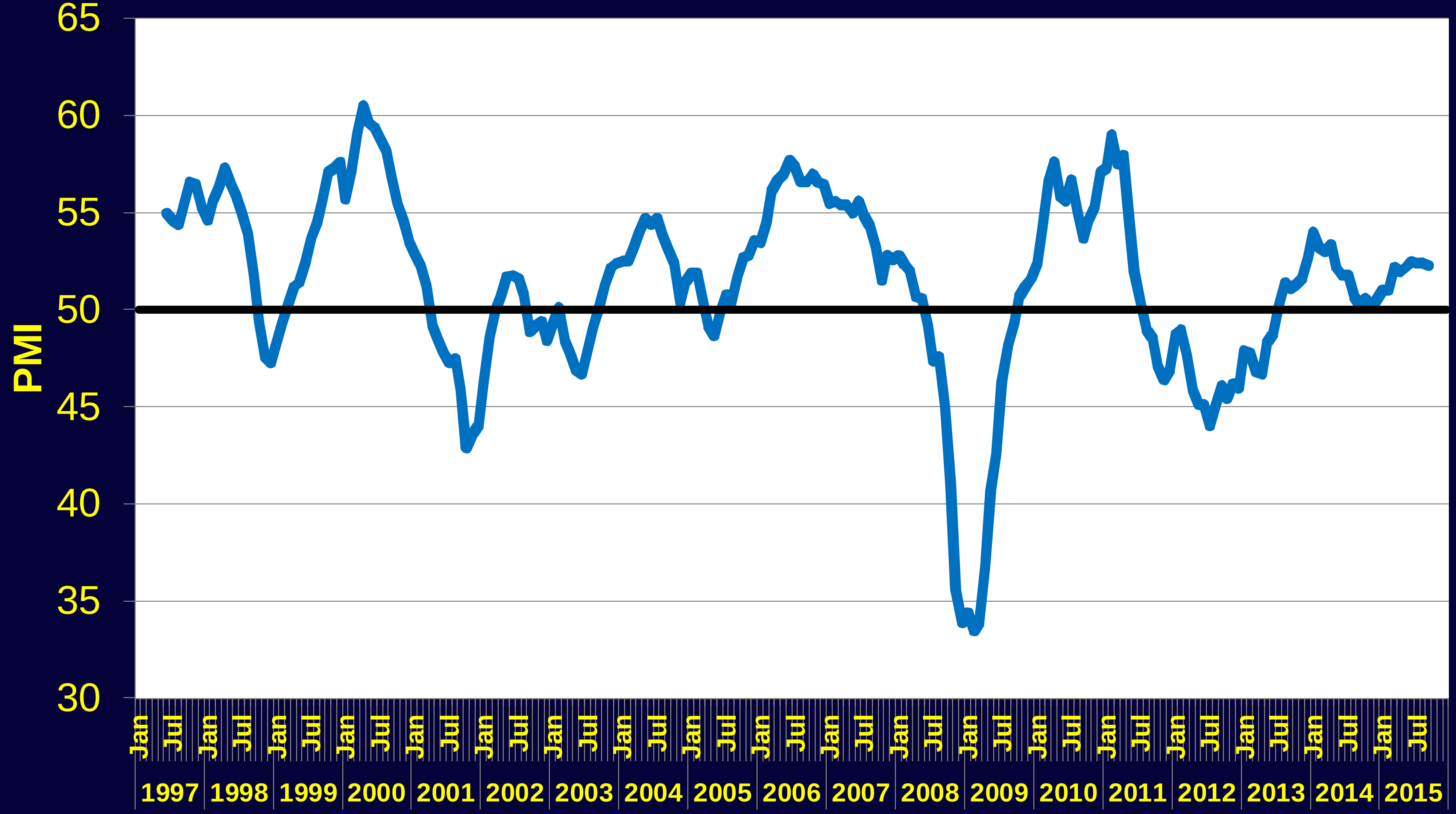


Eurostat

Chart 3

Eurozone "Purchasing Managers" Index

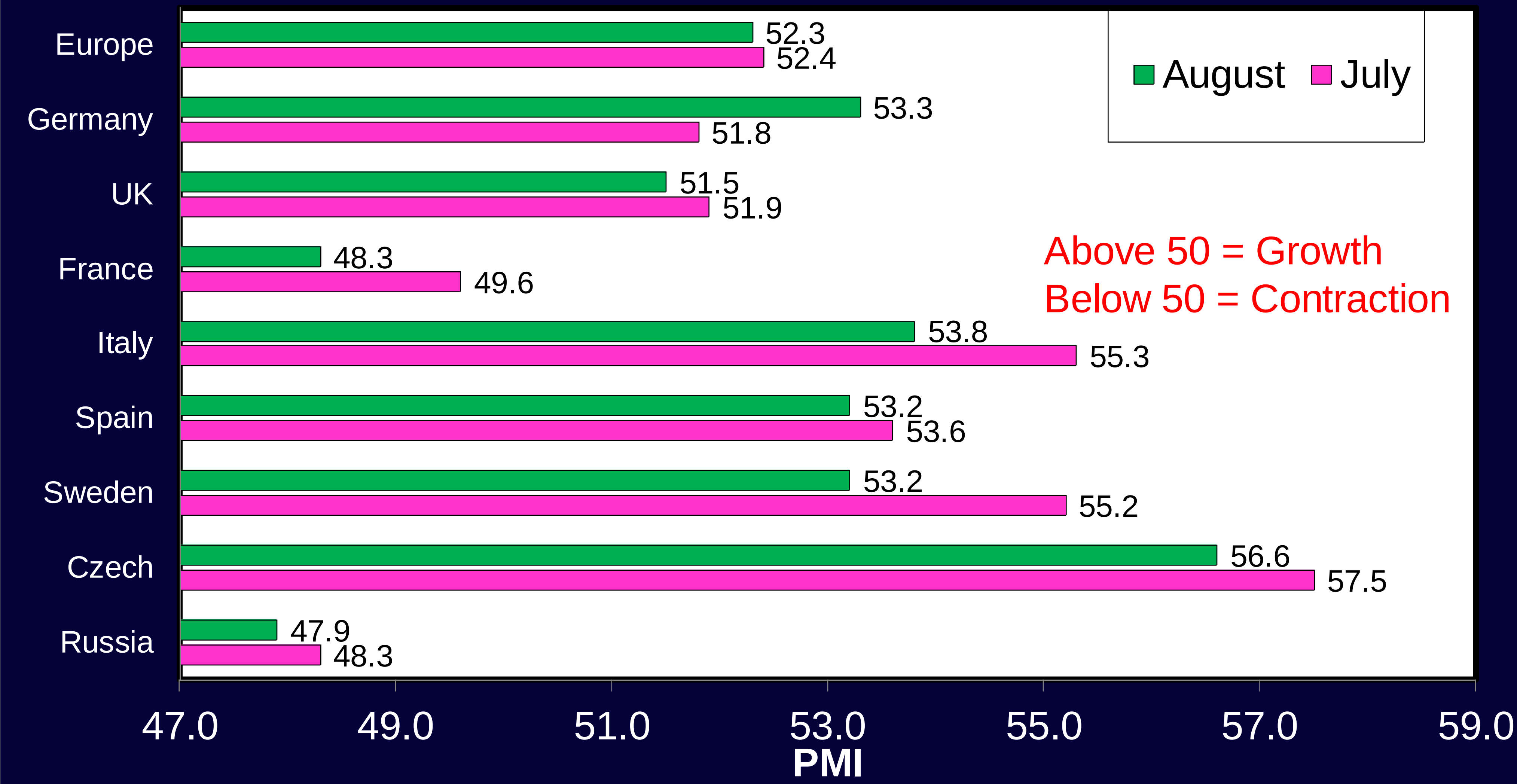
Diffusion Index, >50 = Growth



Markit Economics

Chart 4

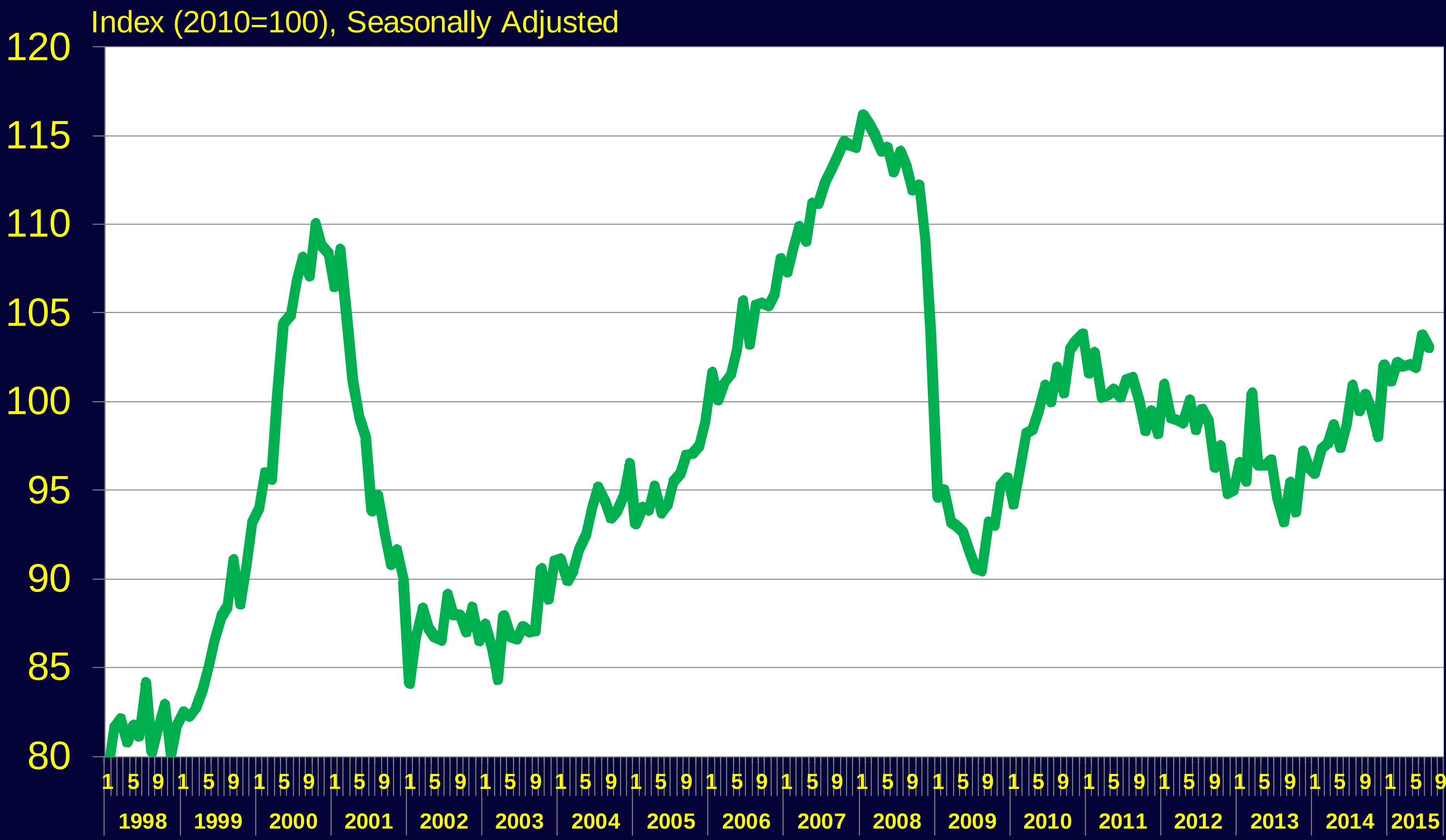
European Purchasing Managers' Indices
August vs. July 2015



Markit Economics

Chart 5

European Computer, Electronic & Optical Products Production



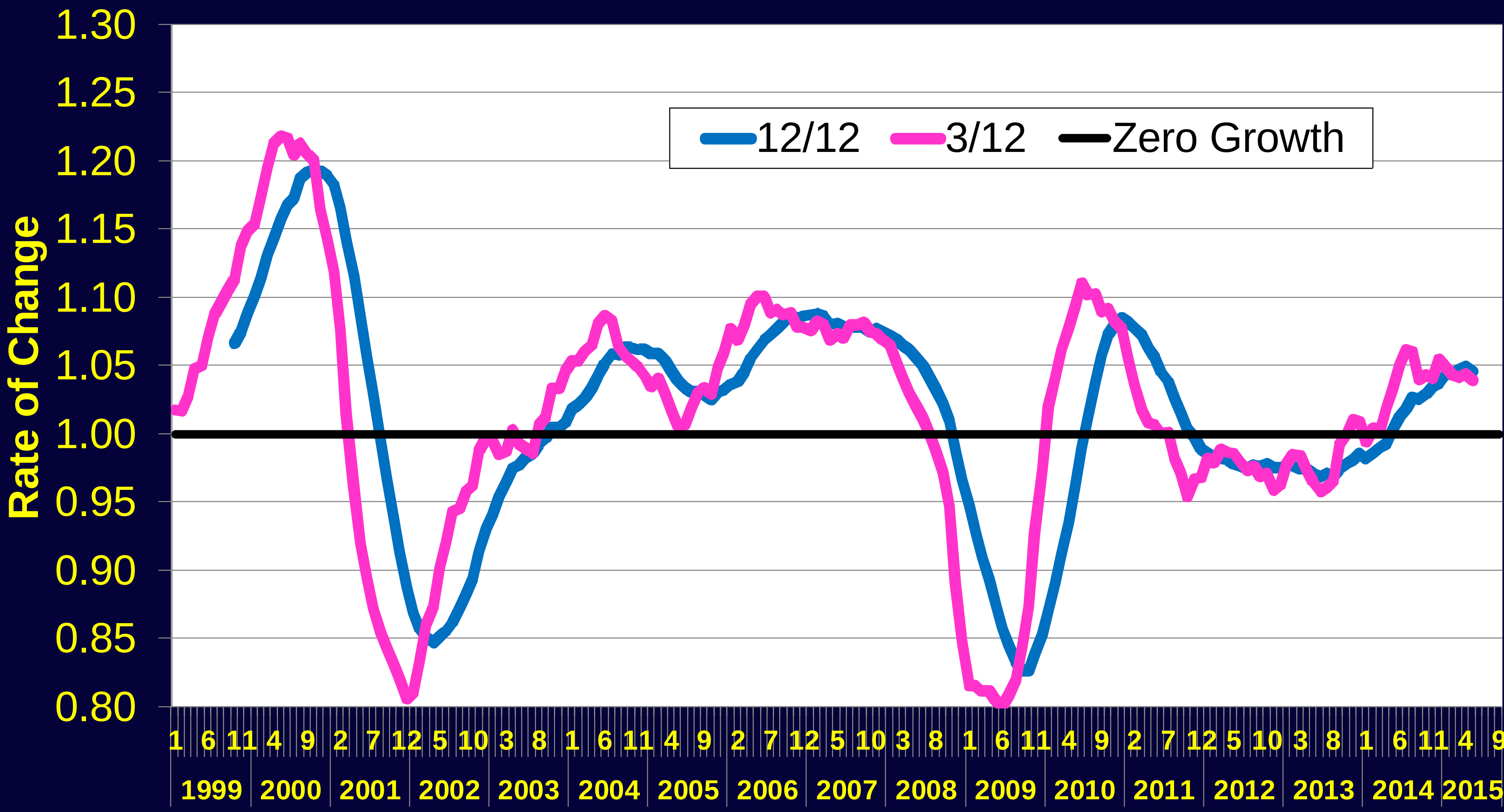
Eurostat, C26 category, EU 27 countries

Chart 6

Europe- EU27

Manufacture of computer, electronic & optical products

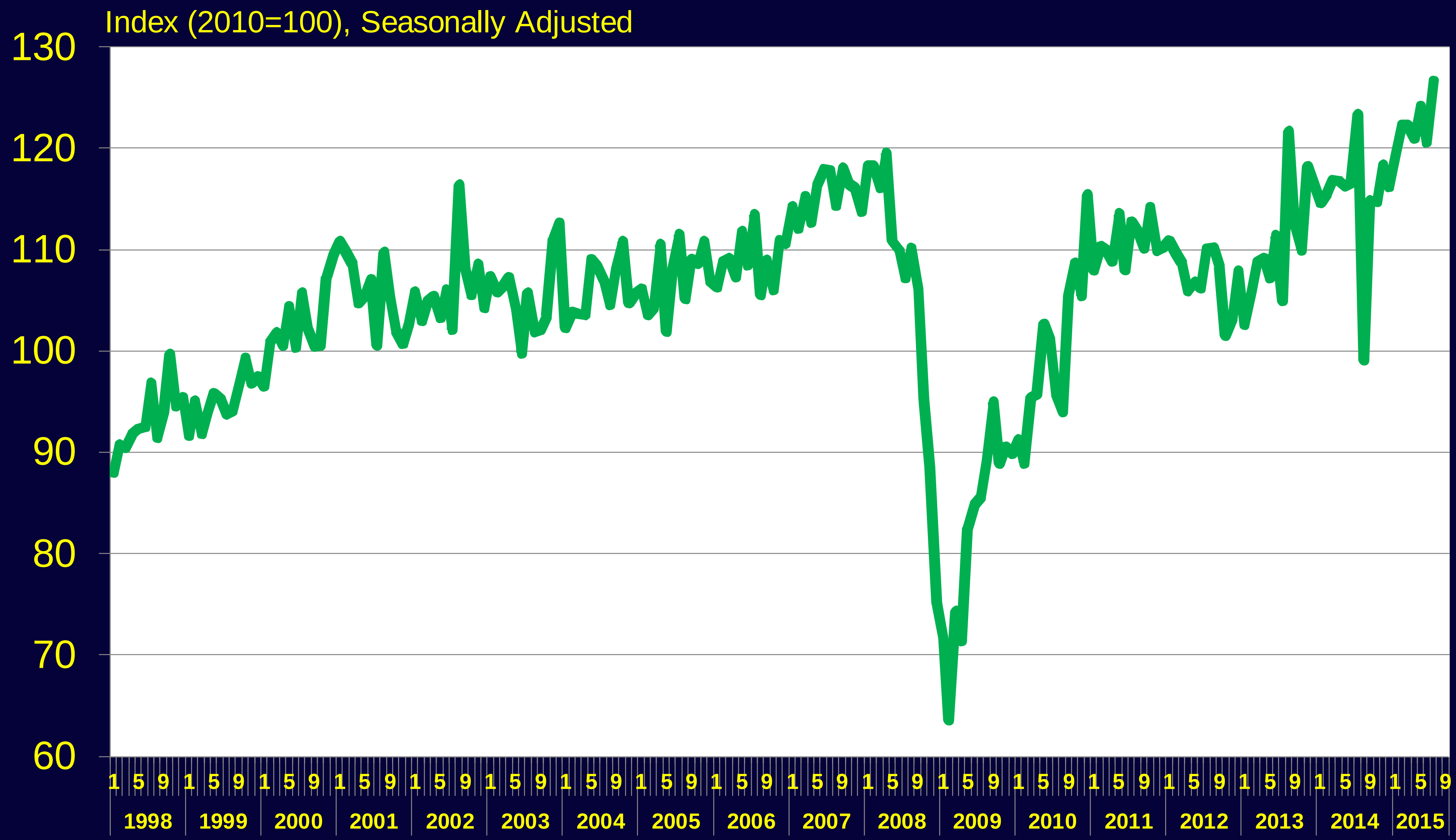
12/12 & 3/12 Rate of Change



Eurostat

Chart 7

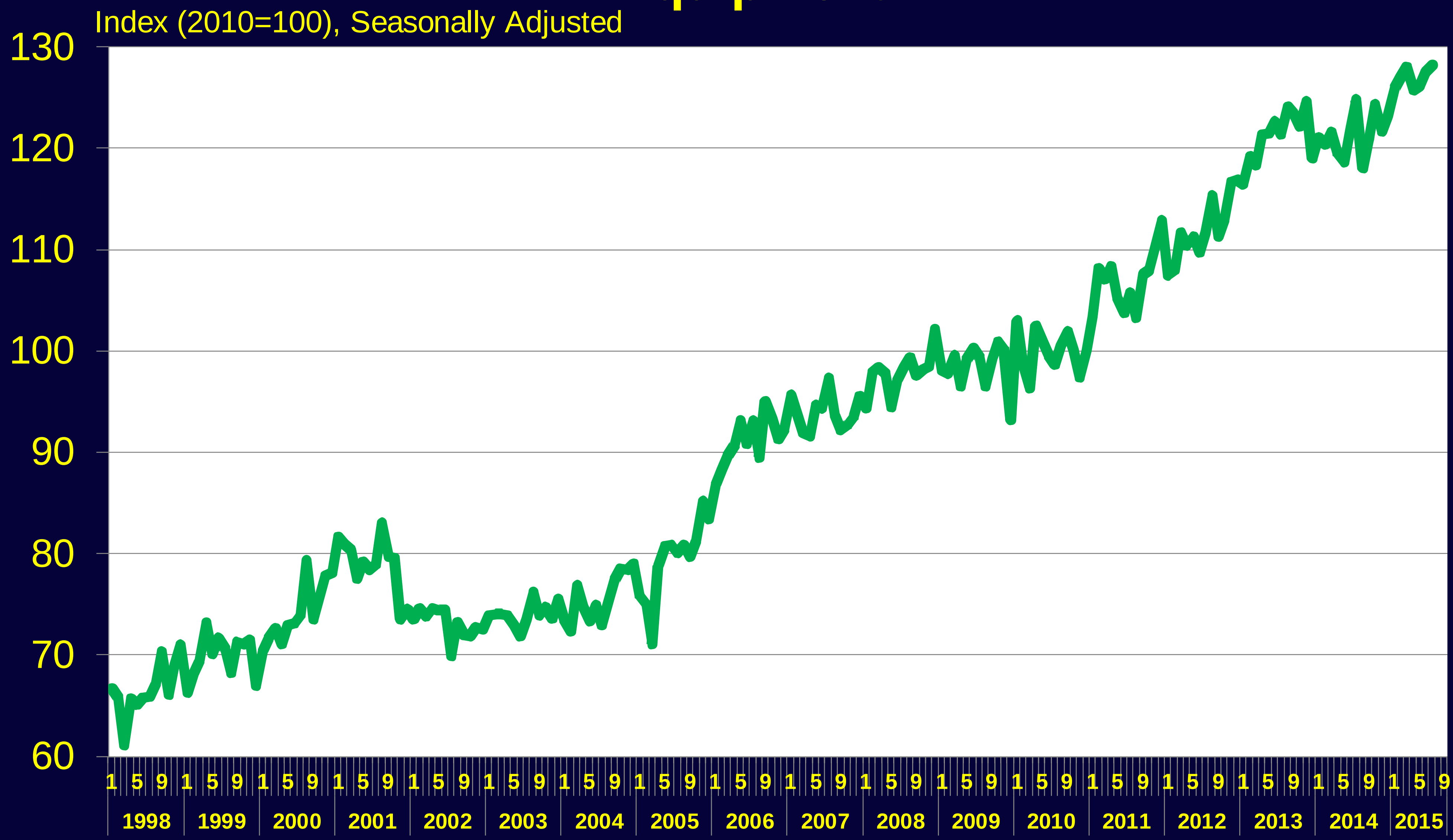
European Motor Vehicle Production



Eurostat, C291 category, EU 27 countries

Chart 8

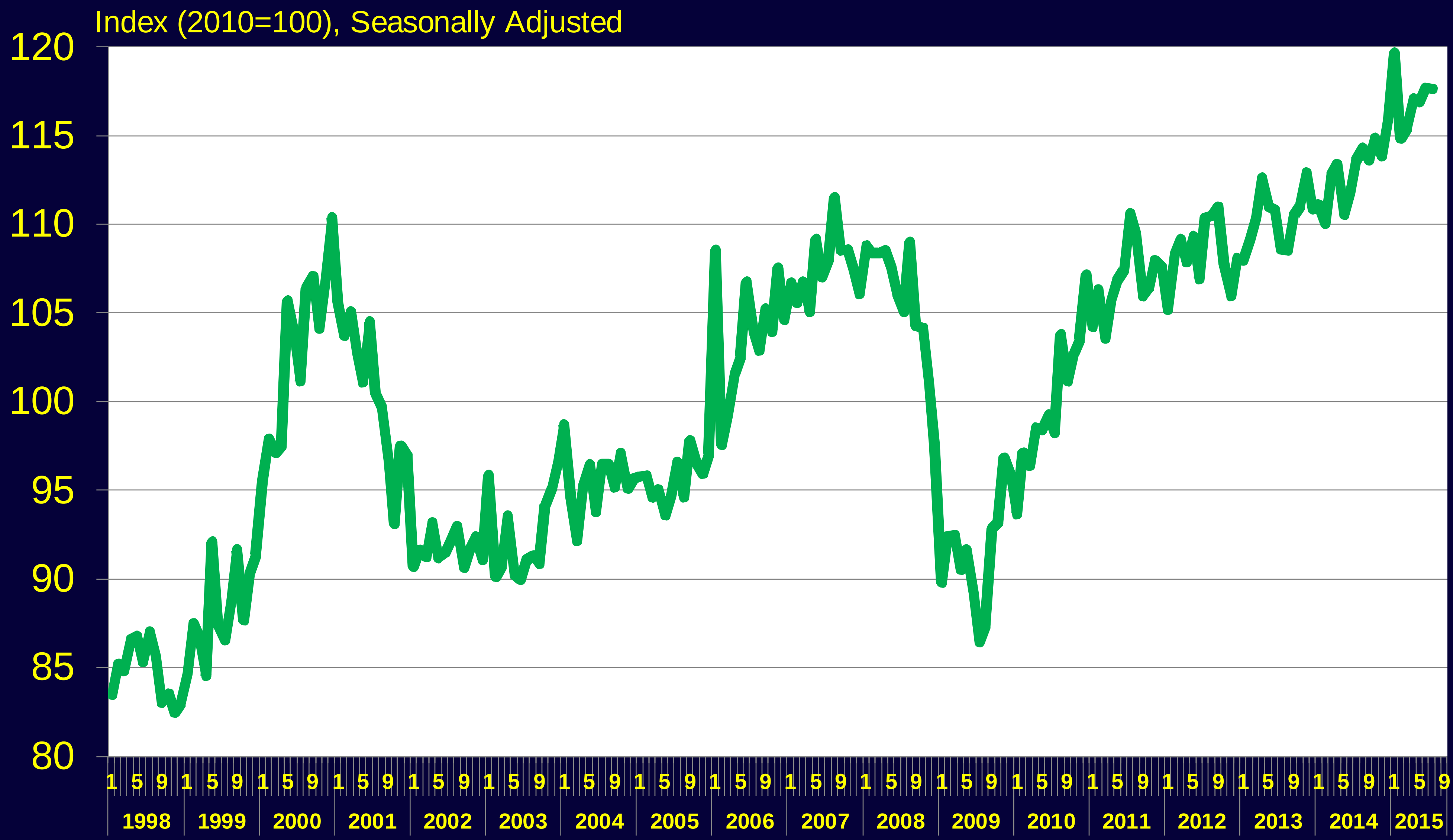
European Production - Aircraft, Spacecraft & Related Equipment



Eurostat, C303 category, EU 27 countries

Chart 9

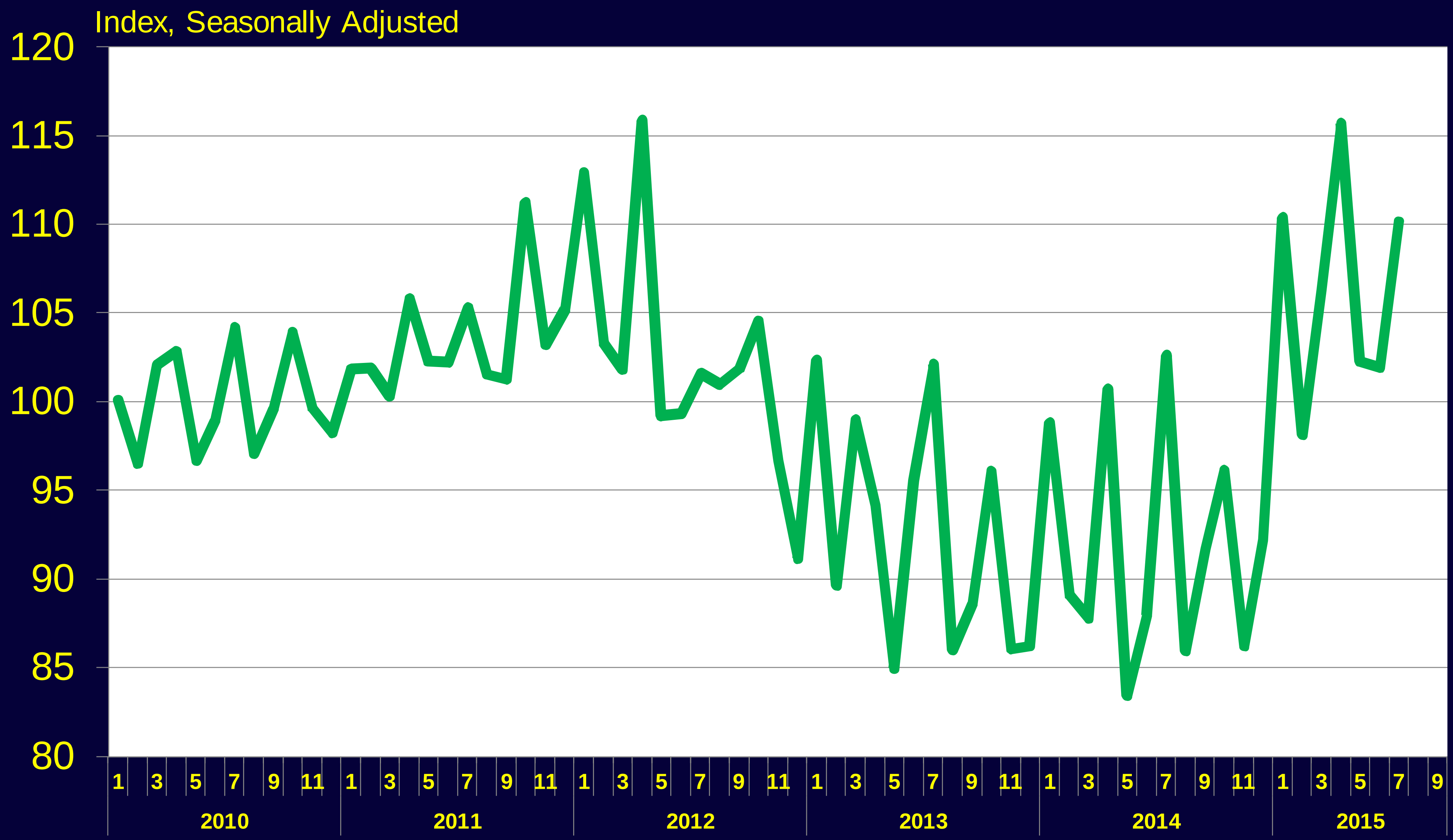
European Production - Instruments & Appliances for Measuring, Testing & Navigation



Eurostat, C2651 category, EU 27 countries

Chart 10

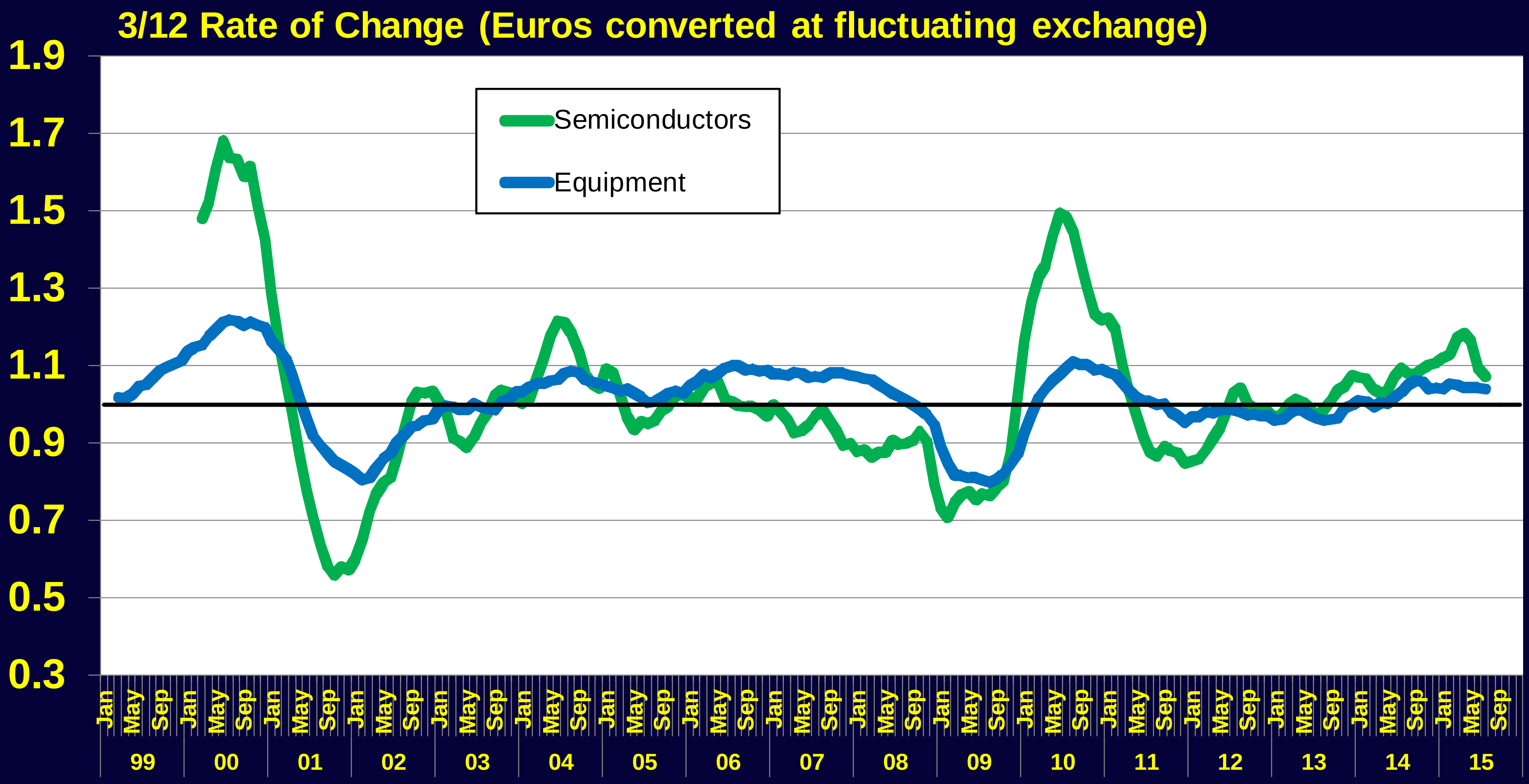
European Production - Irradiation, Electromedical & Electrotherapeutic Equipment



Eurostat, C266 category, EU 27 countries

Chart 11

Semiconductor Shipments to Europe vs. European Electronic Equipment Production



Total $ Semiconductor Shipments from All Countries to Europe www.sia-online.org/, Eurostat class C26, EU27, European Computer, Electronic & Optical products Production

Chart 12

Effect of Exchange Rates on Semiconductor Shipment Growth to Europe

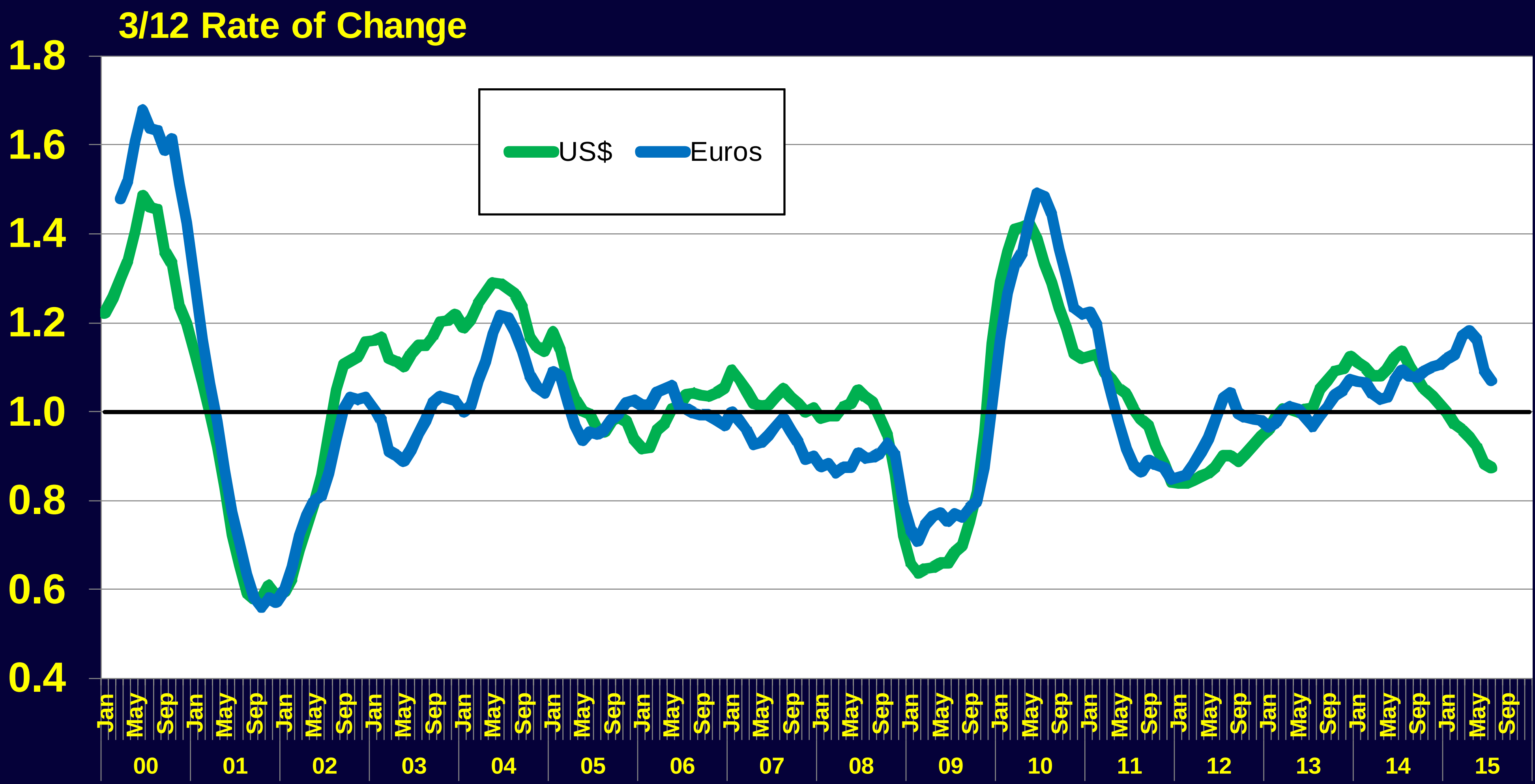


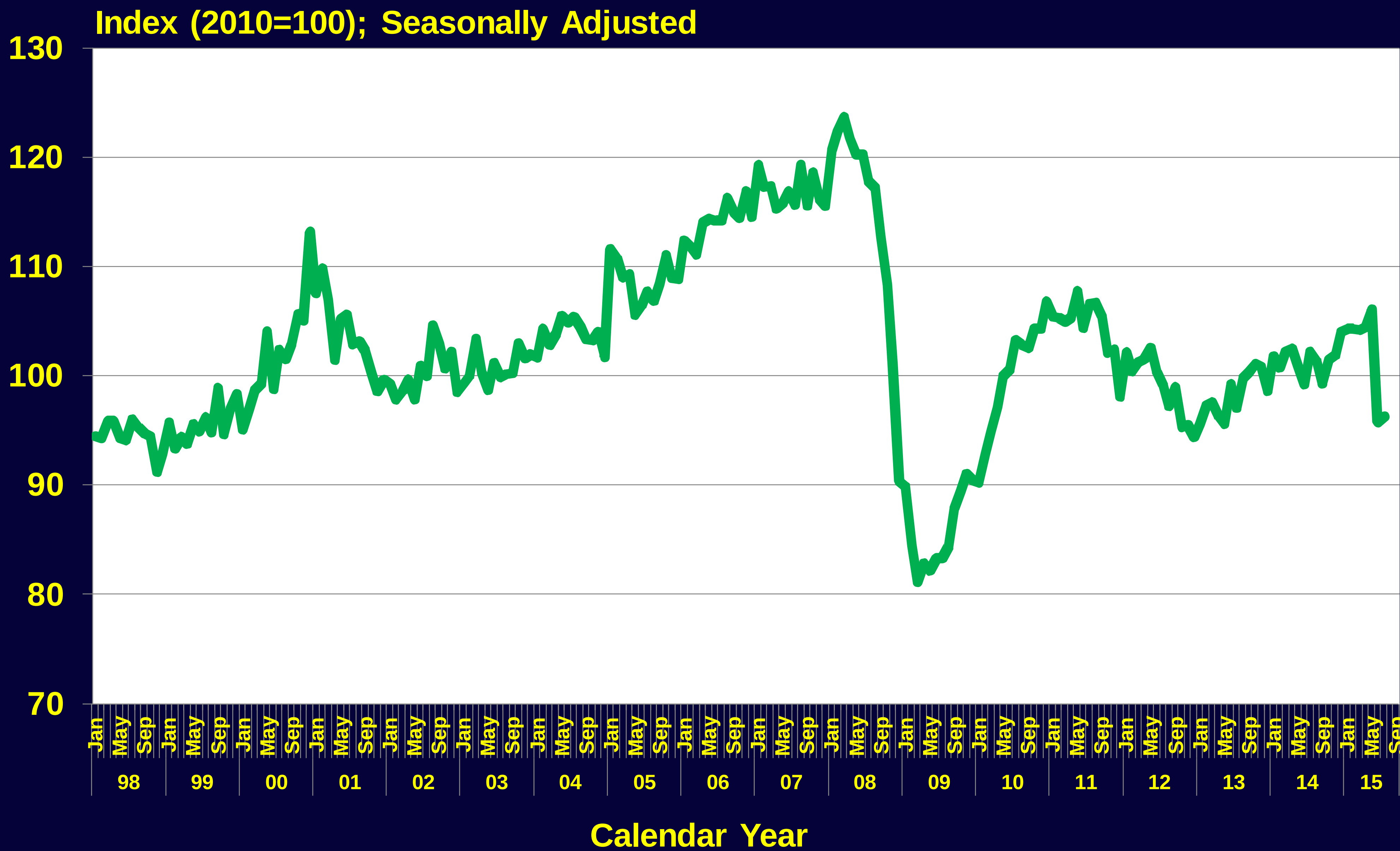
Chart 13

European Loaded Electronic Board Production

Eurostat, C2612

Chart 14

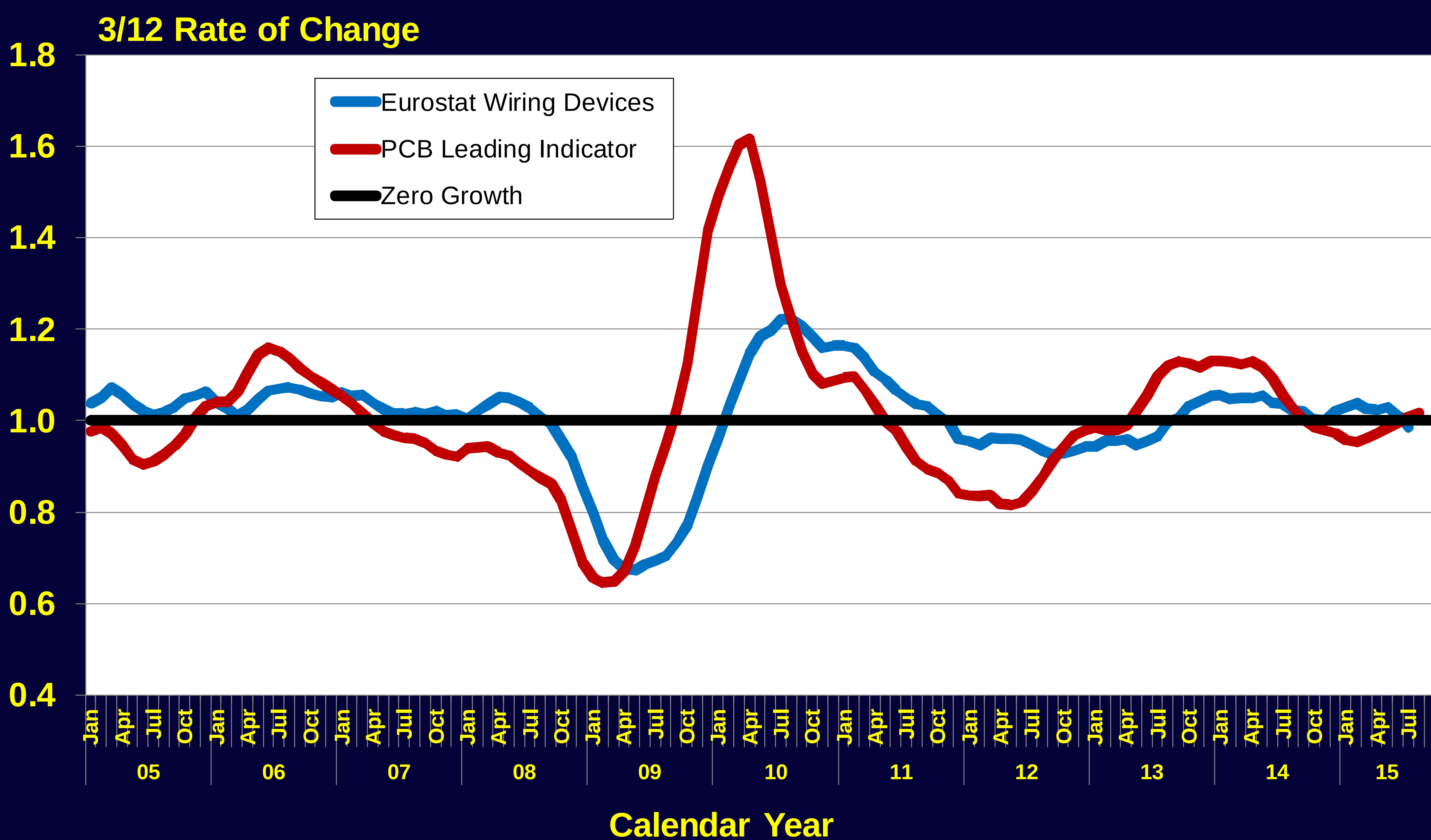
European Electronic Wiring Devices



Eurostat

Chart 15

Europe PMI Leading Indicator vs. Europe Wiring Devices

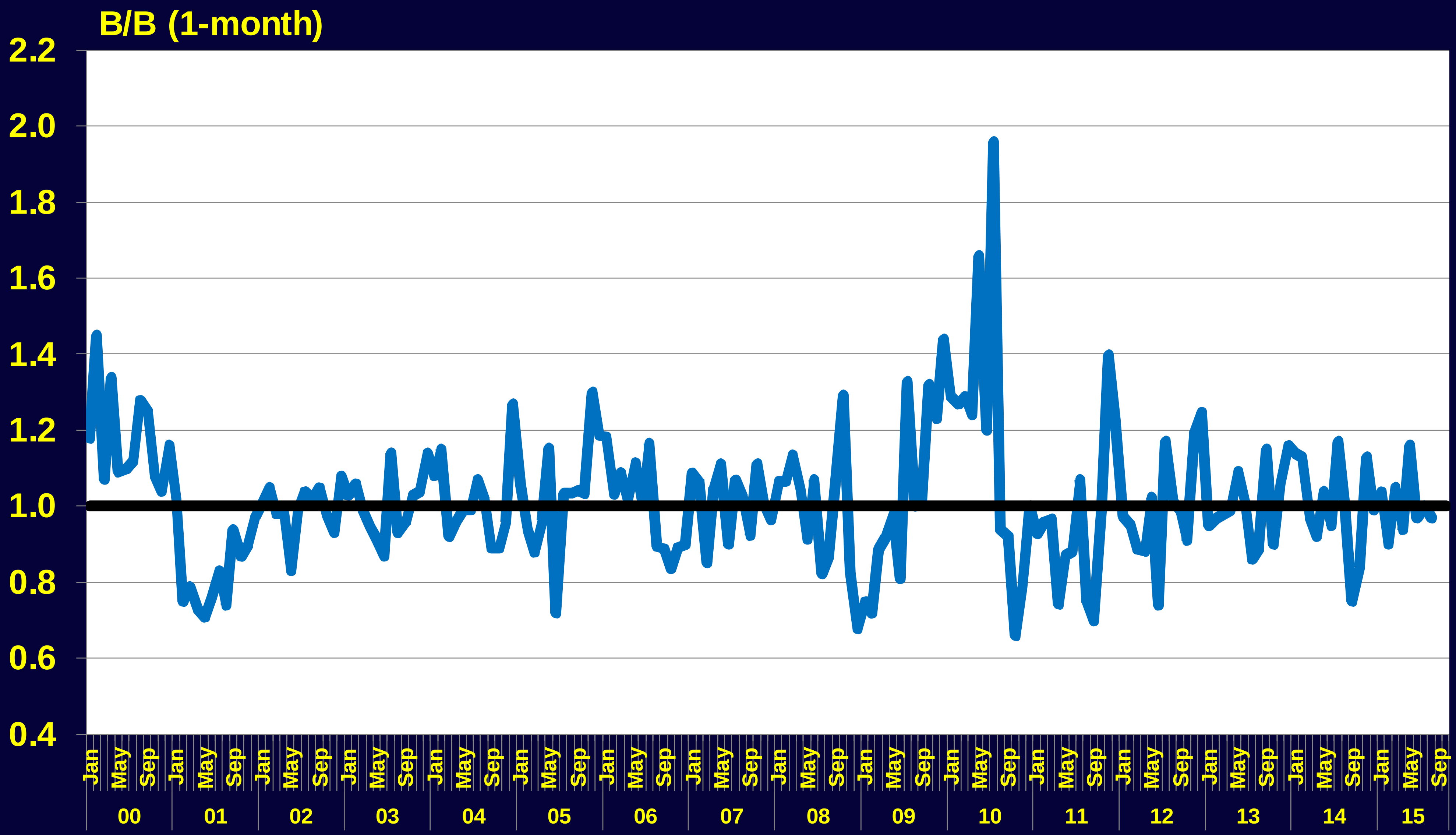


Source: Custer Consulting Group

Chart 16

PCB Book/Bill - ZVEI

Primarily German PCB Makers

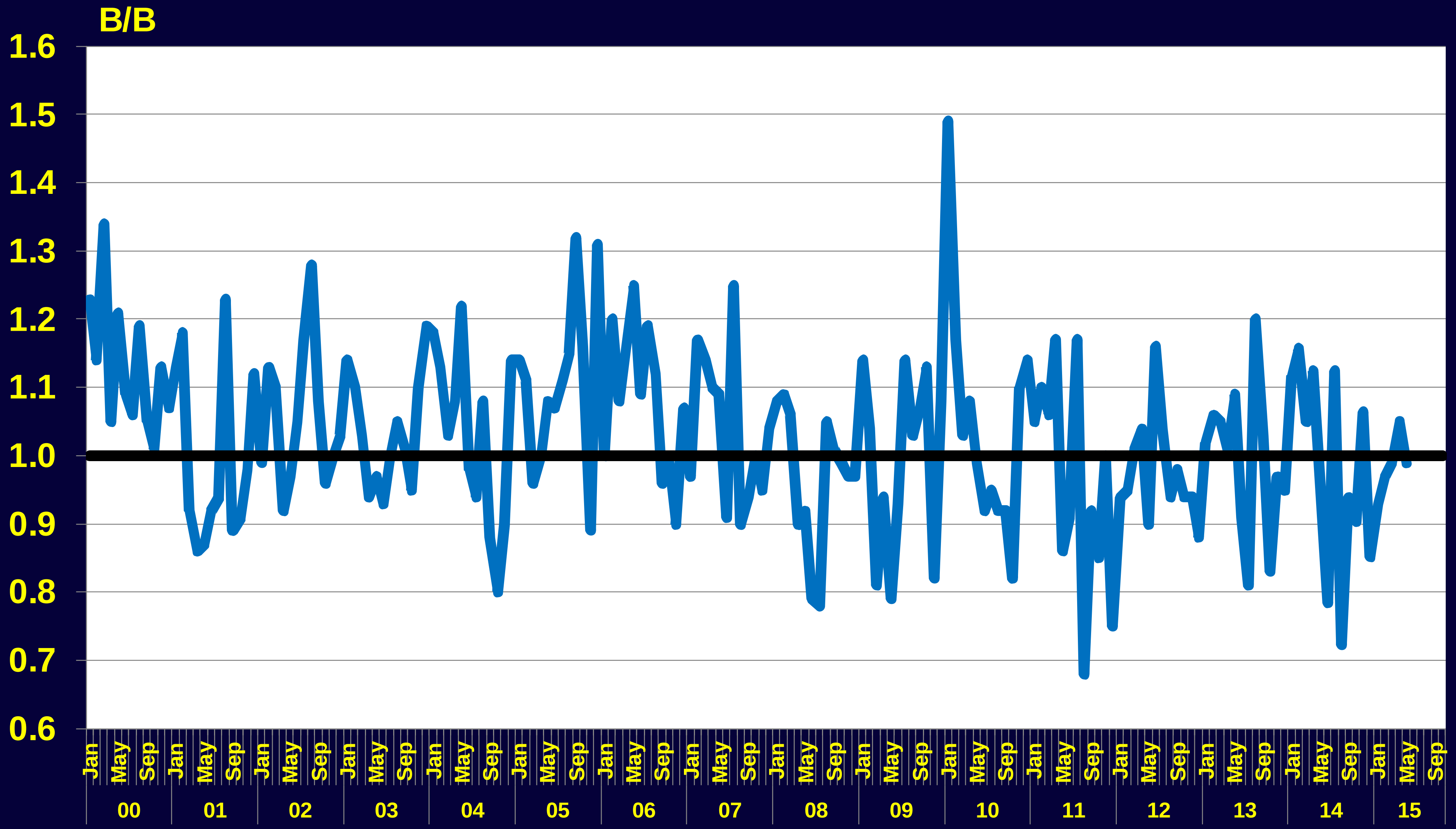


ZVEI
www.zvei.de/fileadmin/user_upload/Presse/

Chart 17

PCB Book/Bill - ACSIEL

French PCB Makers

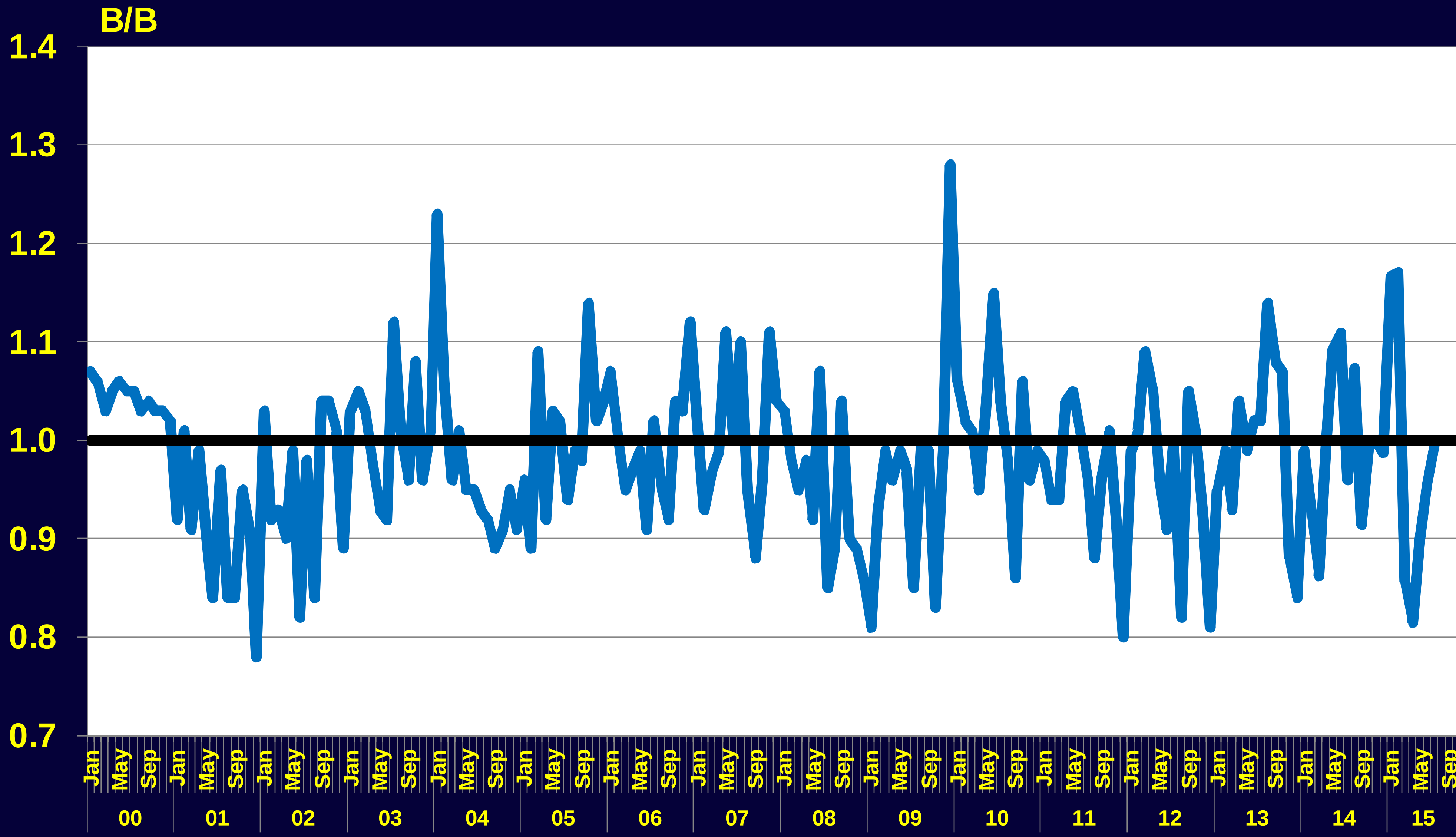


French producers, Industry Sources

Chart 18

PCB Book/Bill - UK

UK PCB Makers



techUK

Chart 19

European PCB Market Comments

2015 is a difficult year for the European PCB industry. While export-related manufacturers are supported by the development of exchange rates, the downside for many of the exporting manufacturers is the slowing global economy and, therefore, reduced demand in many emerging economies.

Manufacturers have to identify very carefully their customers, industries and markets they are in. This has to be a continuous process as market conditions and demand may abruptly change.

Michael Gasch, Data4PCB 9/2015

Chart 20

European PCB Market Comments

In the European PCB production the German speaking countries (Austria, Switzerland and Germany) have a share of more than 60% and, together with France and UK, this group of countries combines about 80%. While this percentage may remain the same for 2015, there have been several incidents which, potentially, may influence this year’s results.

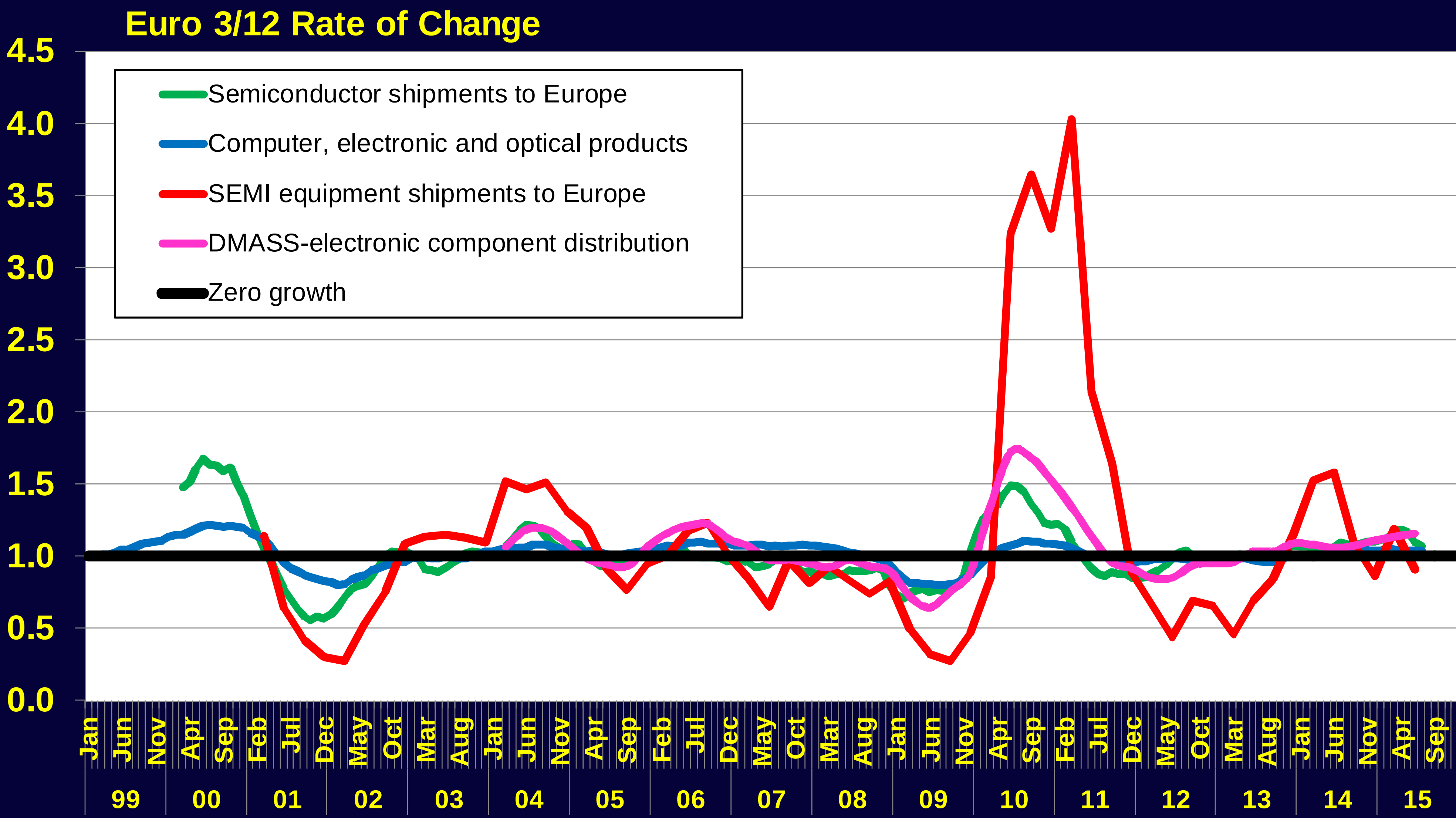
At Germany’s largest manufacturer (Würth) has been a fire during the final days of December last year which destroyed one of the facilities. Since earlier this year the Swiss currency is floating and resulted meanwhile in an appreciation of 10%. France most likely will see no growth and, for the full year, UK may not come up to the positive expectations of the first quarter because since than revenues are gradually declining.

As well this year several smaller companies have been forced to close but the total production volume 2015 should reach the same level as it was last year.

Michael Gasch, Data4PCB 9/2015

Chart 21

European Computer, Electronic and Optical Products, Semiconductors, & SEMI Equipment Shipments



Total $ Semiconductor Shipments from All Countries to Europe www.sia-online.org/, Eurostat class C26 & SEMI, CCG Extrapolation of SEMI growth

Chart 22

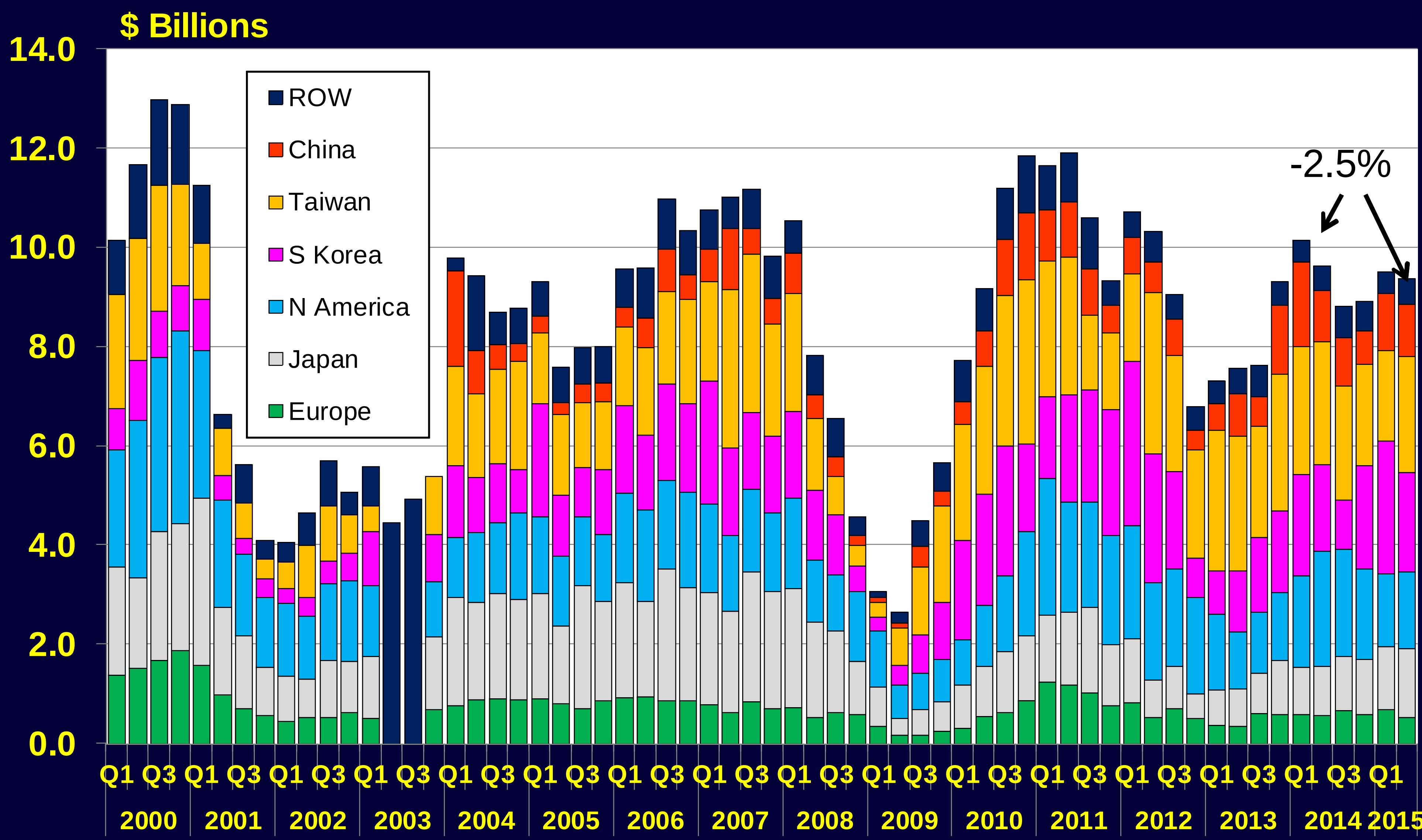
Present Growth Rates (%)
European Electronics Industry

	Latest Month	Annual Growth Rate	3-Month Growth Rate
ELECTRONIC EQUIPMENT SHIPMENTS (Index CY 2010 =100)			
Computer, Electronic & Optical Products	7/15	104.6	103.9
Components & Boards	7/15	105.1	101.4
Wiring Devices	7/15	101.1	98.6
Loaded Electronic Boards	7/15	102.2	101.2
Office Equipment	7/15	83.1	83.3
Consumer Electronics	7/15	92.5	88.8
Electric Domestic Appliances	7/15	97.8	98.6
Electronic Instruments	7/15	104.1	104.9
Medical Electronics	7/15	109.5	114.7
Motor Vehicles	7/15	101.5	104.3
Air & Space Aircraft	7/15	102.4	104.5
Semiconductor Shipments (Eur) to Europe	7/15	111.6	107.2
Industrial Production	7/15	101.2	102.0

Sources: Eurostat & SIA

Chart 23

Semiconductor Capital Equipment Shipments by Area

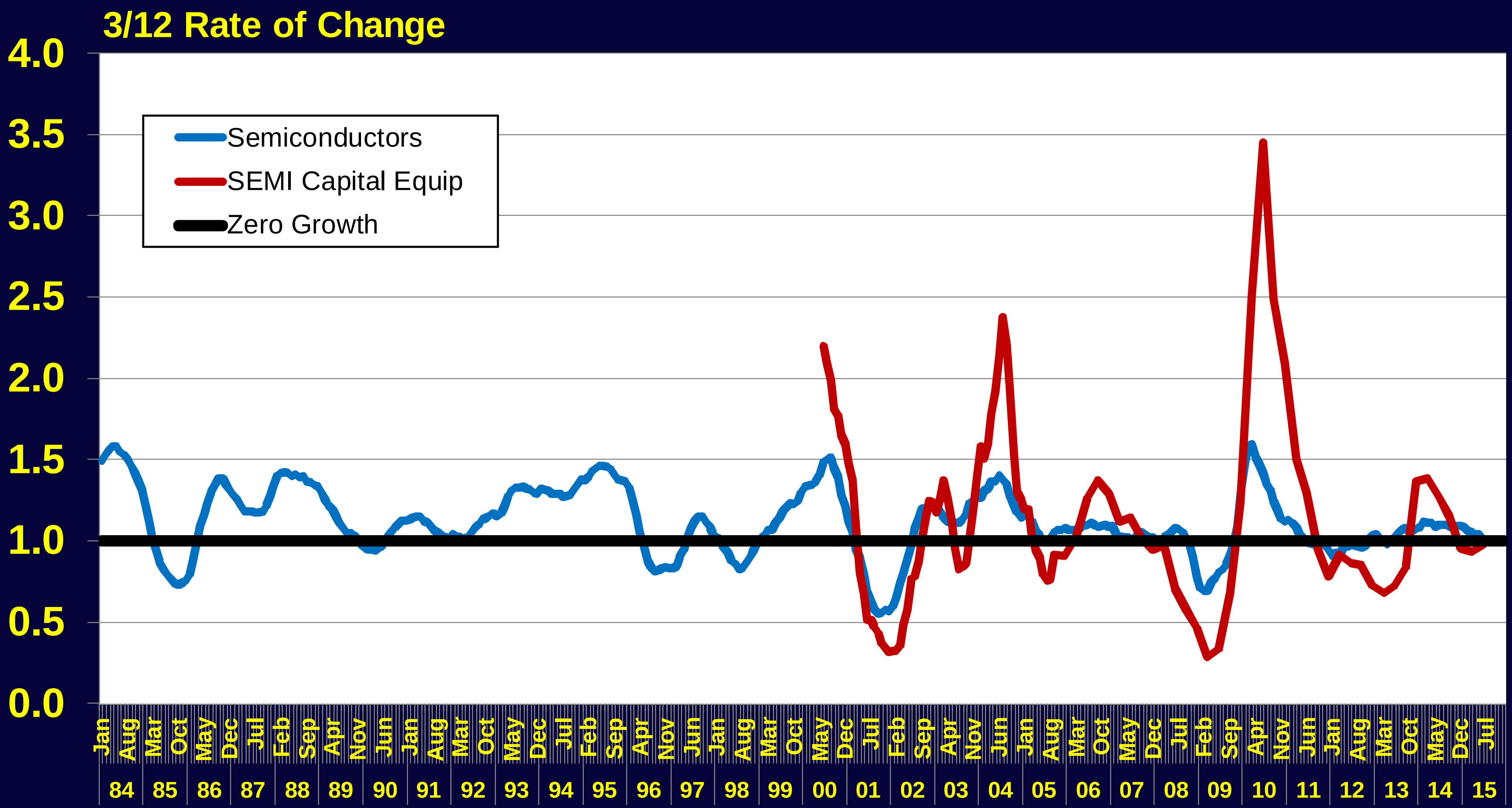


www.semi.org, www.seaj.or.jp/ 9/15

Chart 24

Global Semiconductor & Semiconductor Capital Equipment

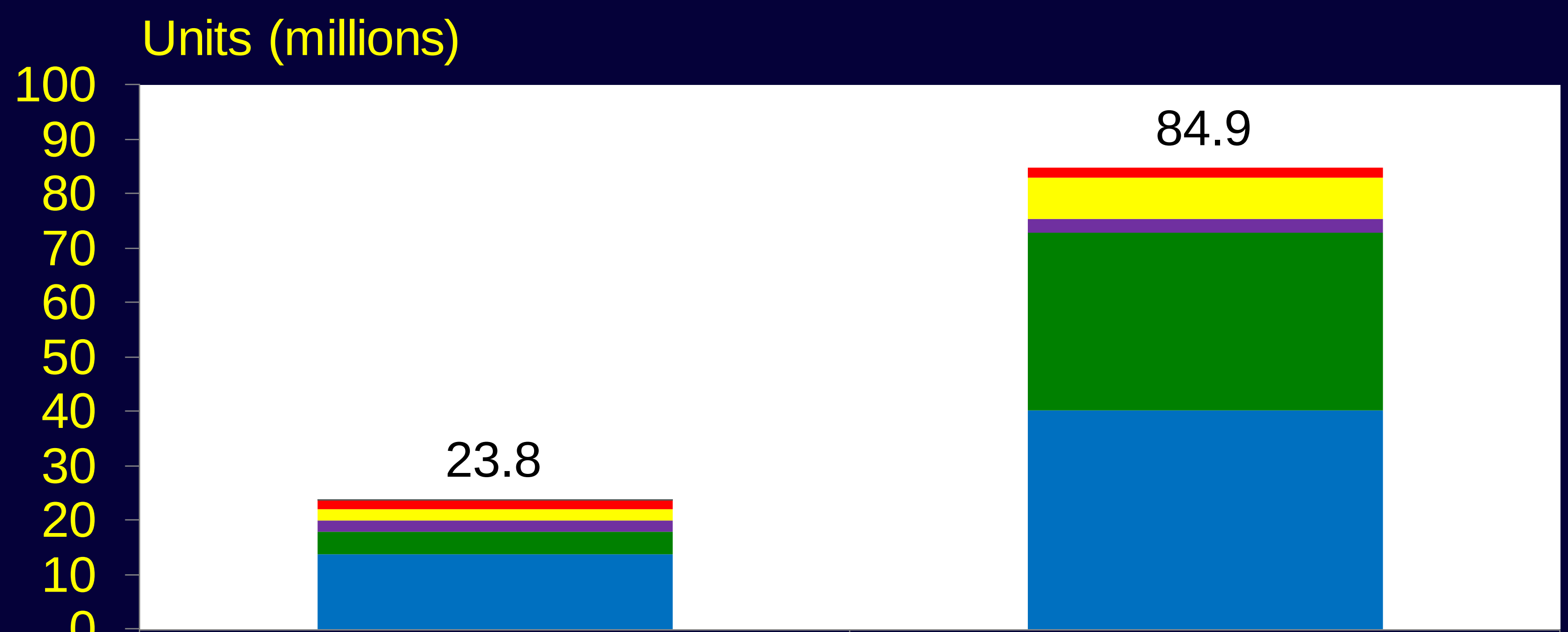
3-Month Shipment Growth Rates on $ Basis



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

Chart 25

Global Smartwatch Shipments by Vendor



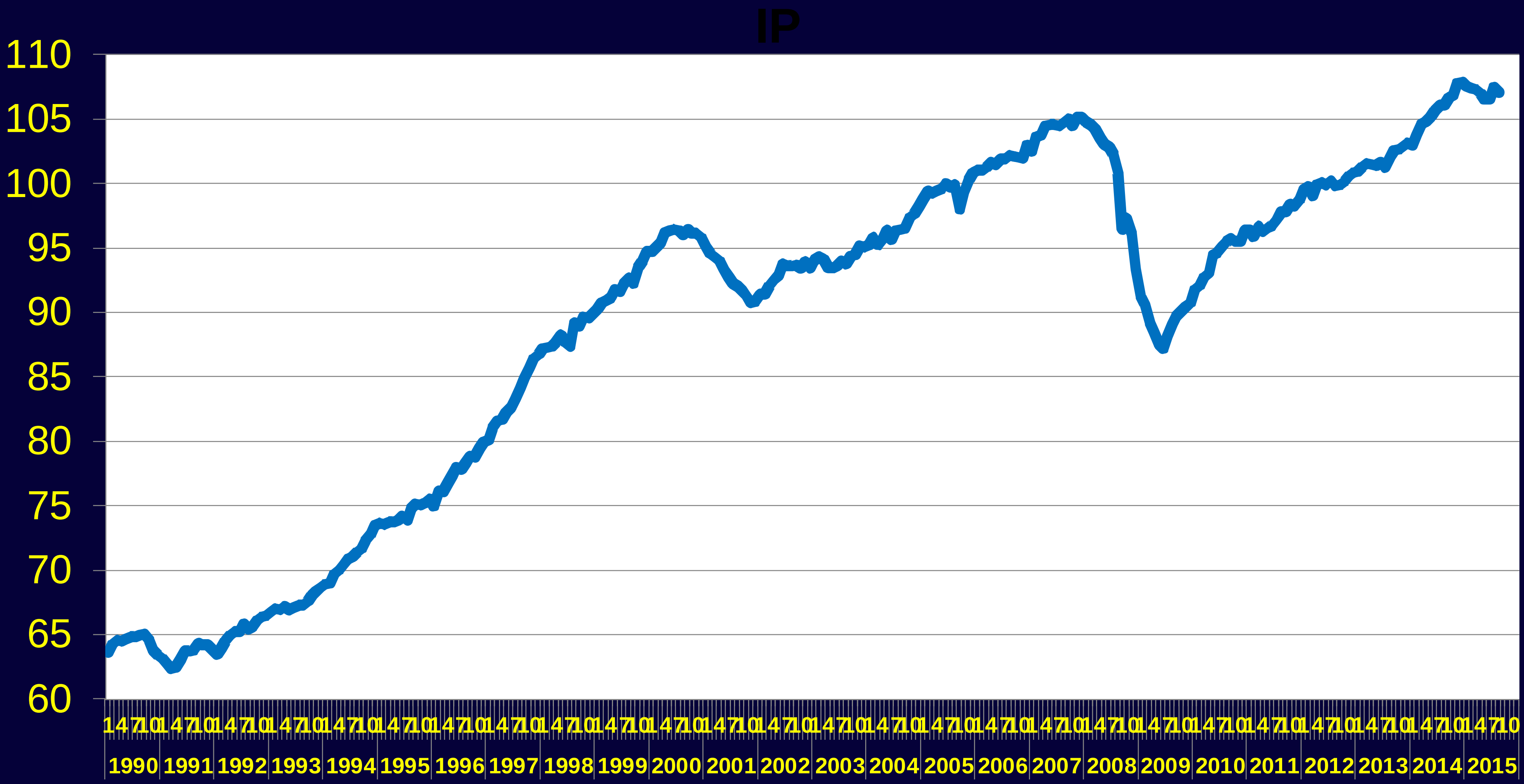
	2015	2019
Total	23.8	84.9
Other	0.1	0
Tizen	1.6	1.8
RTOS	2	7.6
Pebble OS	2.1	2.6
Android	4.1	32.6
WatchOS	13.9	40.3

IDC 9/15

Chart 26

U.S. Industrial Production

Index (2012=100)



www.federalreserve.gov/releases/g17/table1_2.htm

Chart 27

Industrial Production – World

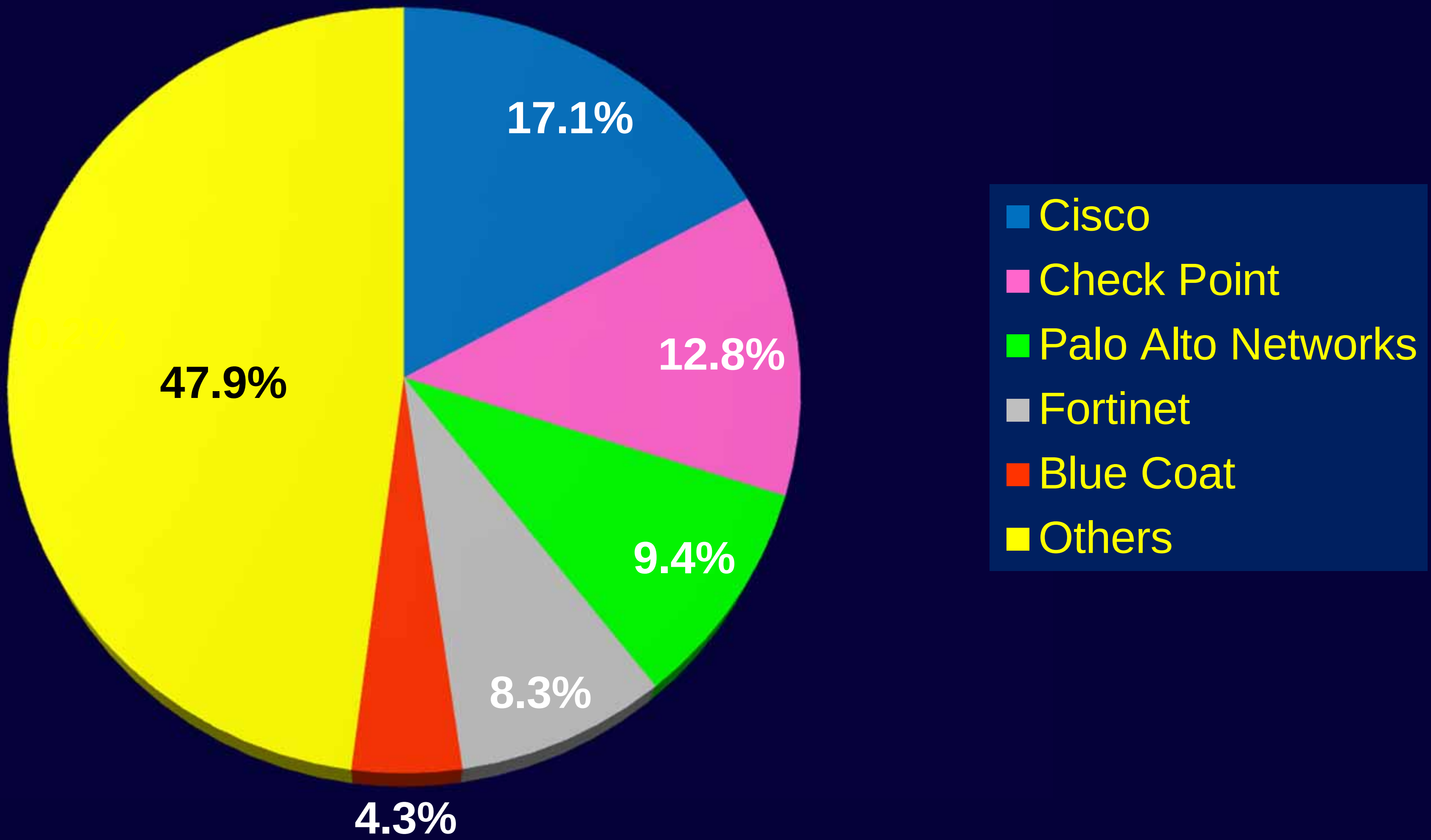
% Change vs. One Year Earlier

Britain	**+ 0.8 July**
Czech Republic	**+ 4.6 July**
France	**- 0.8 July**
Germany	**+ 0.4 July**
Italy	**+ 2.7 July**
Netherlands	**+ 0.6 July**
Russia	**- 4.2 Aug**
Spain	**+ 5.9 July**
Euro Area	**+ 1.9 July**
Canada	**- 2.7 Jun**
USA	**+ 0.9 Aug**
China	**+ 6.1 Aug**
India	**+ 4.2 July**
Malaysia	**+ 6.1 July**
Vietnam	**+ 9.0 Aug**
Singapore	**- 6.1 July**
S Korea	**- 3.3 July**
Taiwan	**- 3.0 July**
Thailand	**- 5.3 July**
Japan	**+ 0.0 July**

www.economist.com + Eurostat

Chart 28

World Security Appliance Revenues 2Q'15



TOTAL: $2,558 Millions

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Chart 29

World Security Appliance Shipments

US$ Millions

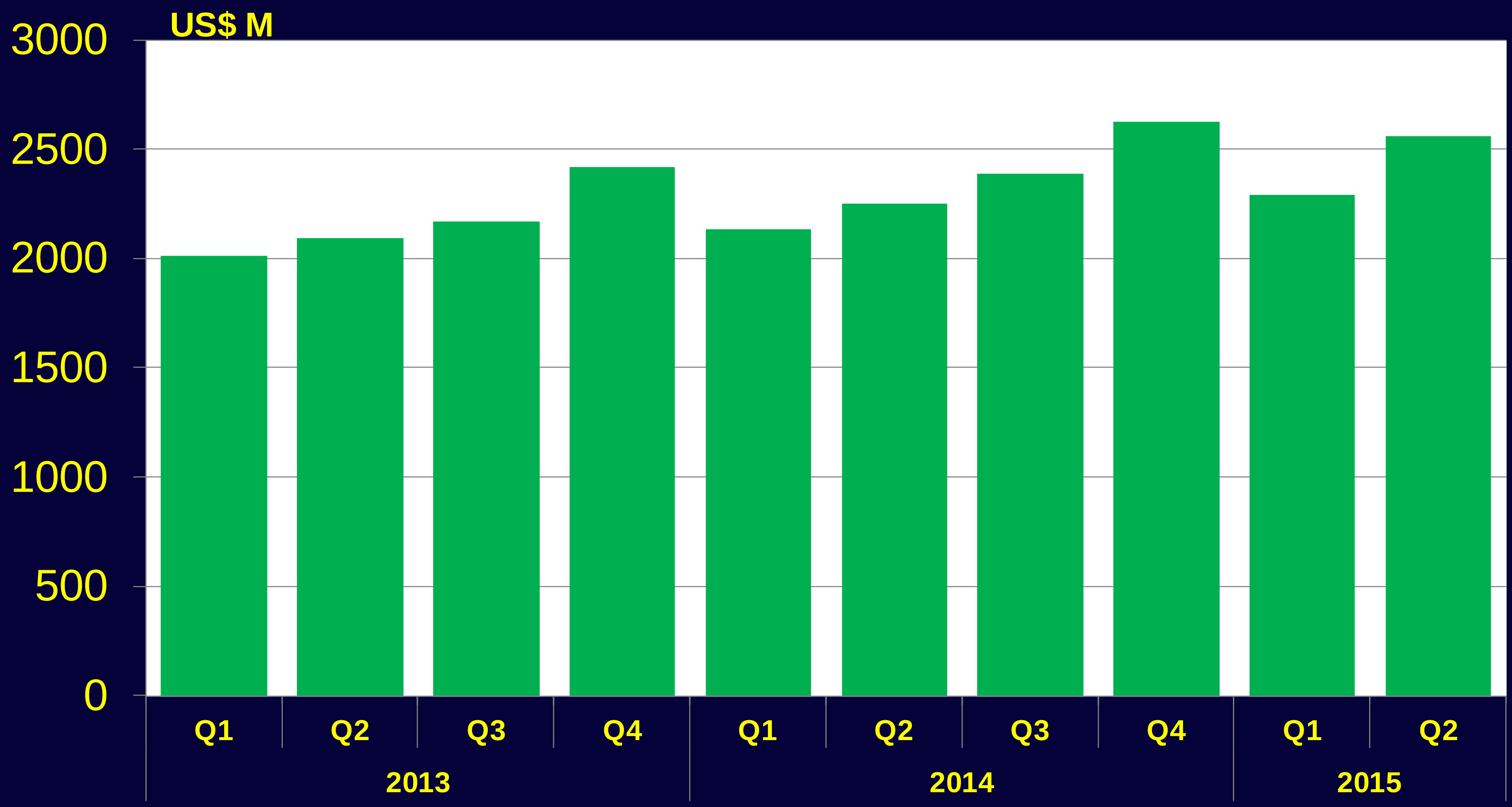

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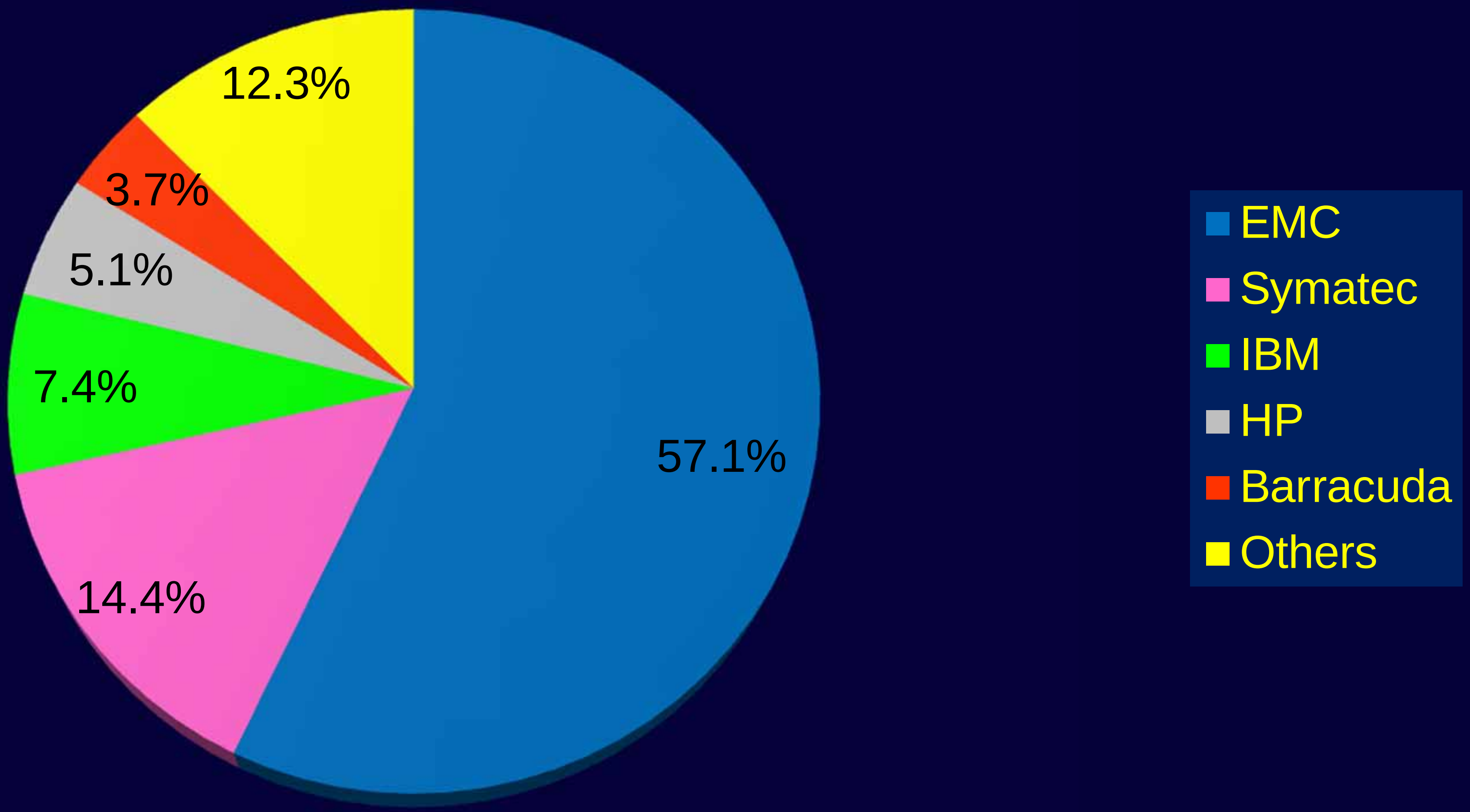
Chart 30

World Purpose Built Backup Factory Revenue 2Q’15



TOTAL: $726 Million

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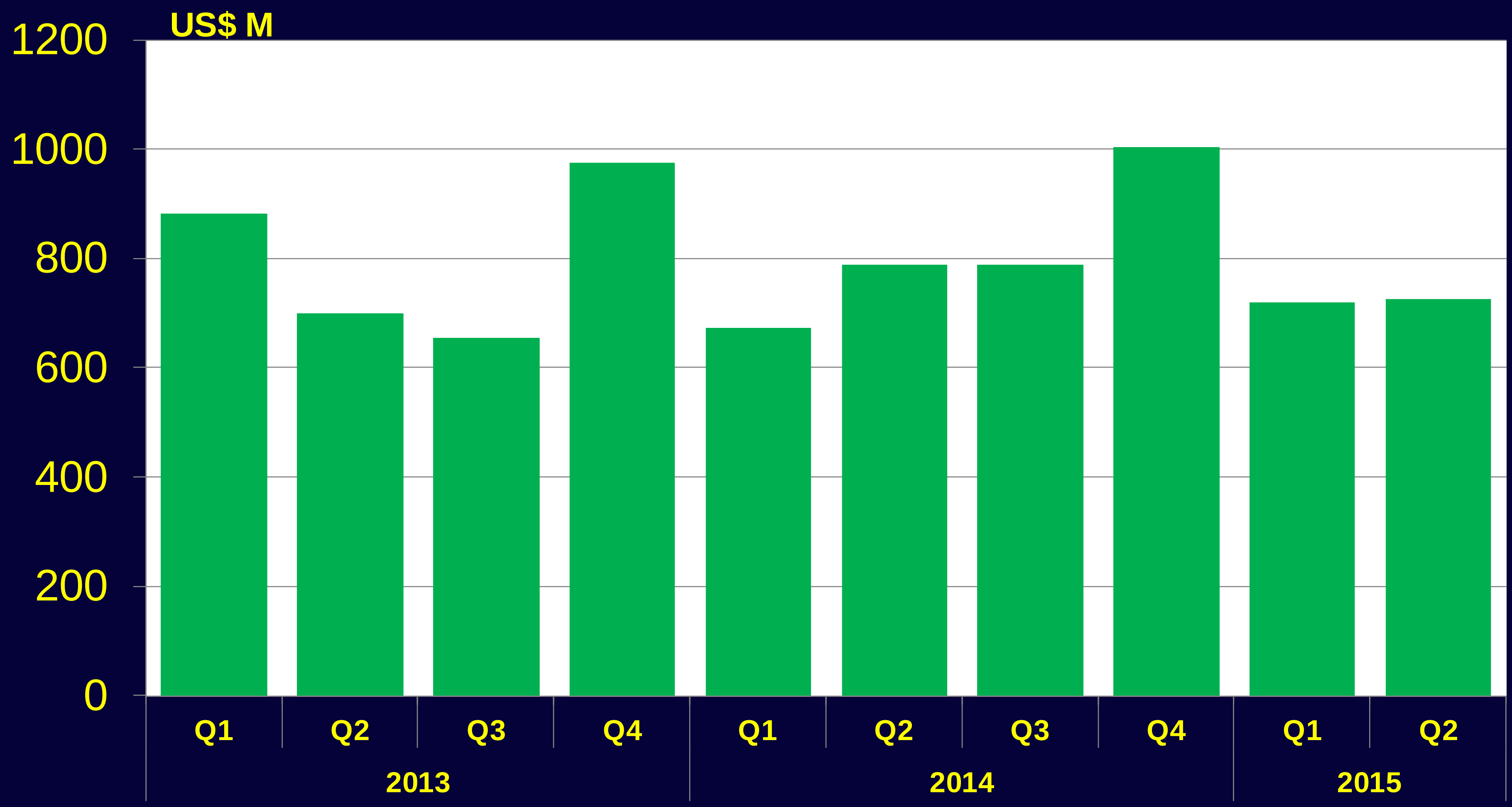
Chart 31

World Purpose Built Backup Factory Revenue

US$ Millions



IDC 9/15