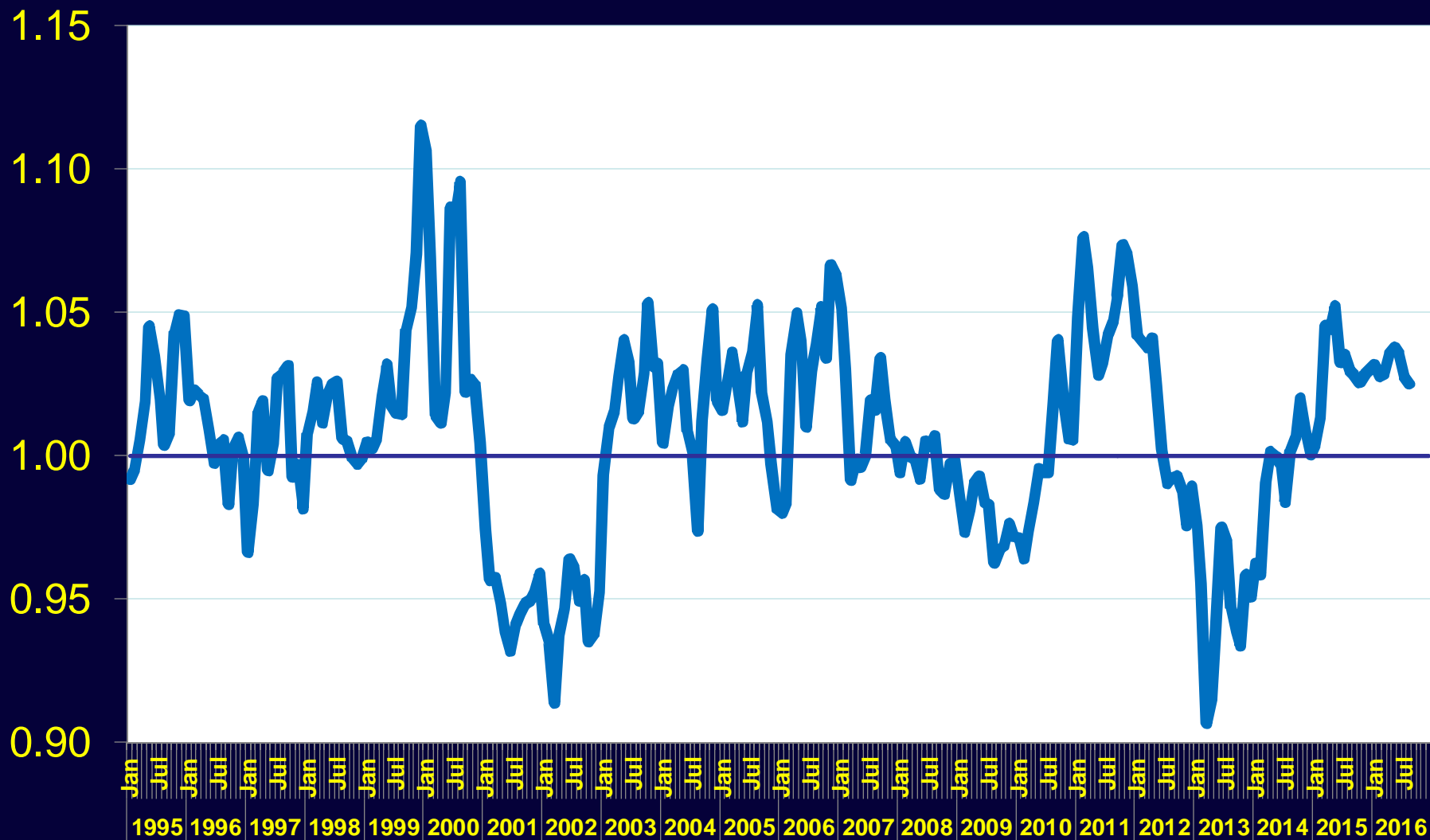


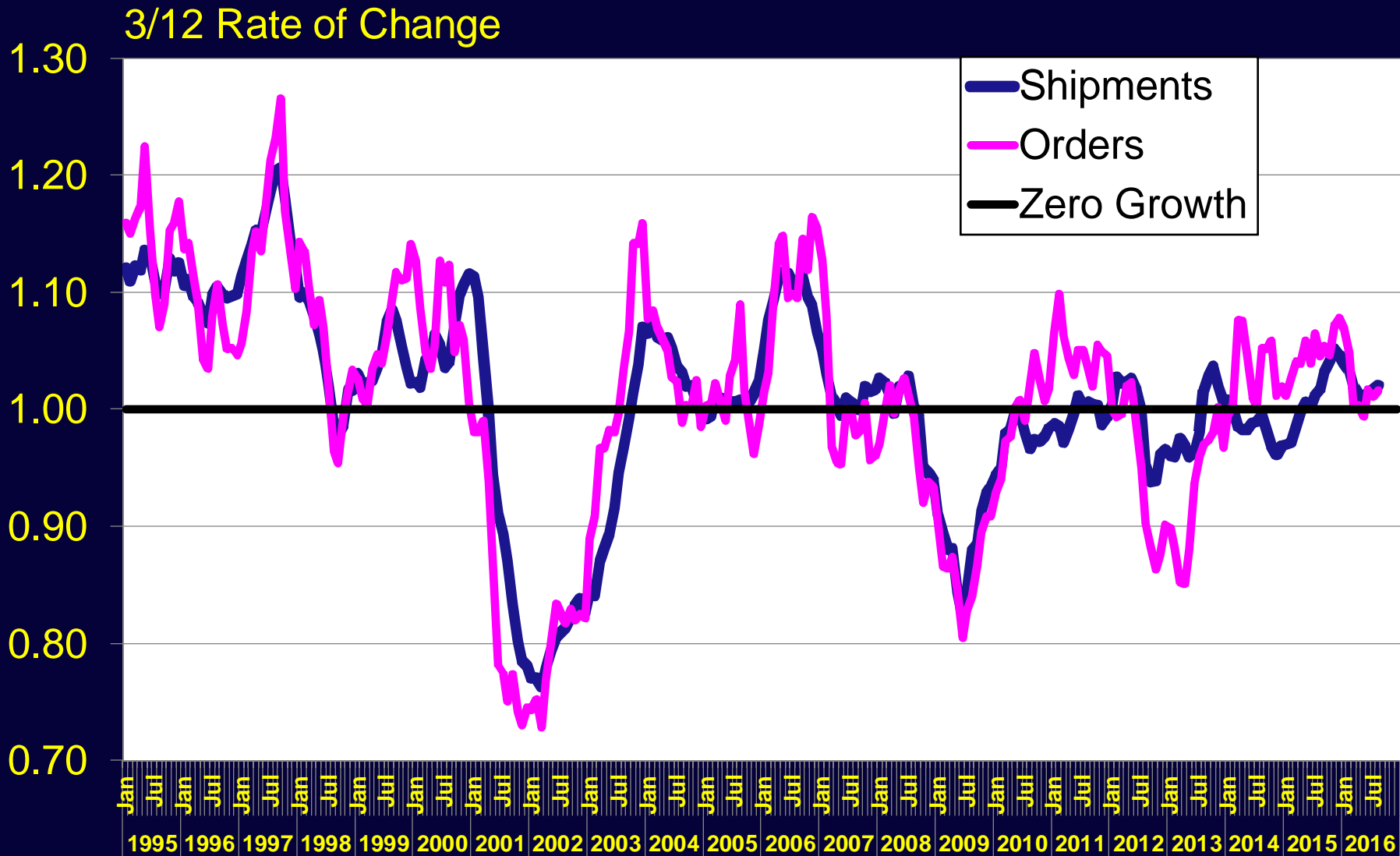
# U.S. Electronic Equipment Book/Bill Ratio

## 3-Month Average



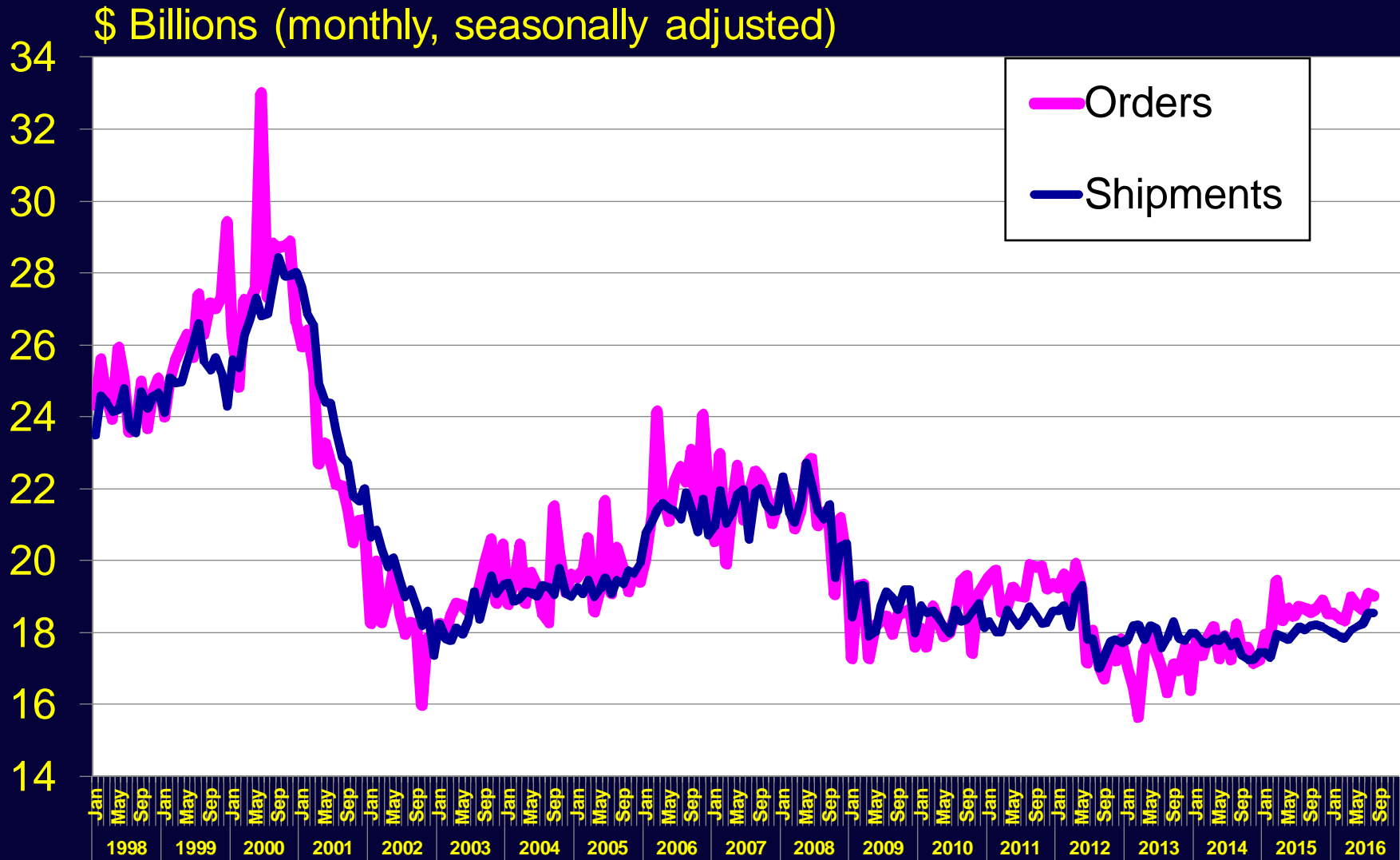
# U.S. Electronic Equipment Order & Shipment Growth

Computer, Communications, Measurement & Control and Military

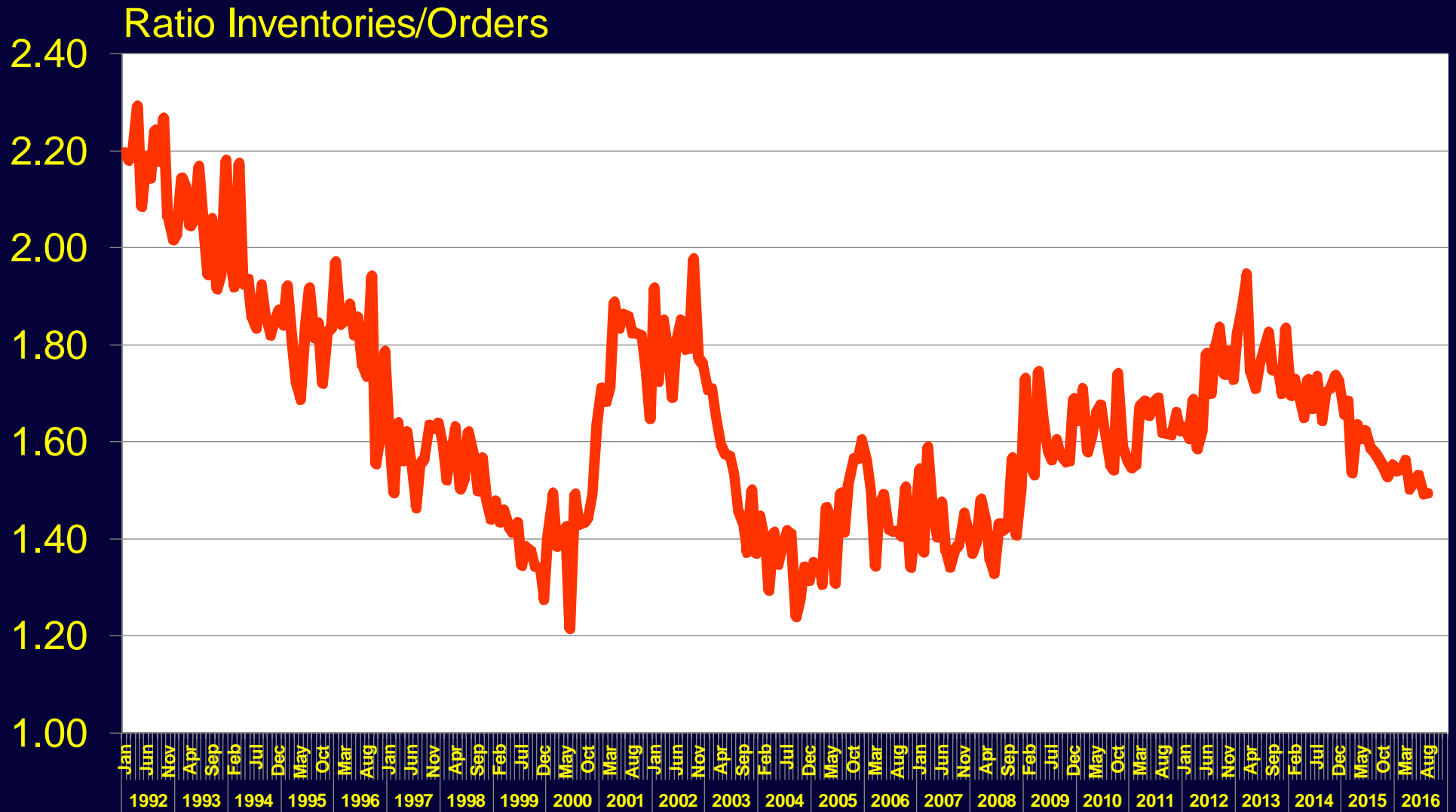


# U.S. Electronic Equipment Orders & Shipments

## Computer, Communications, Measurement & Control and Military

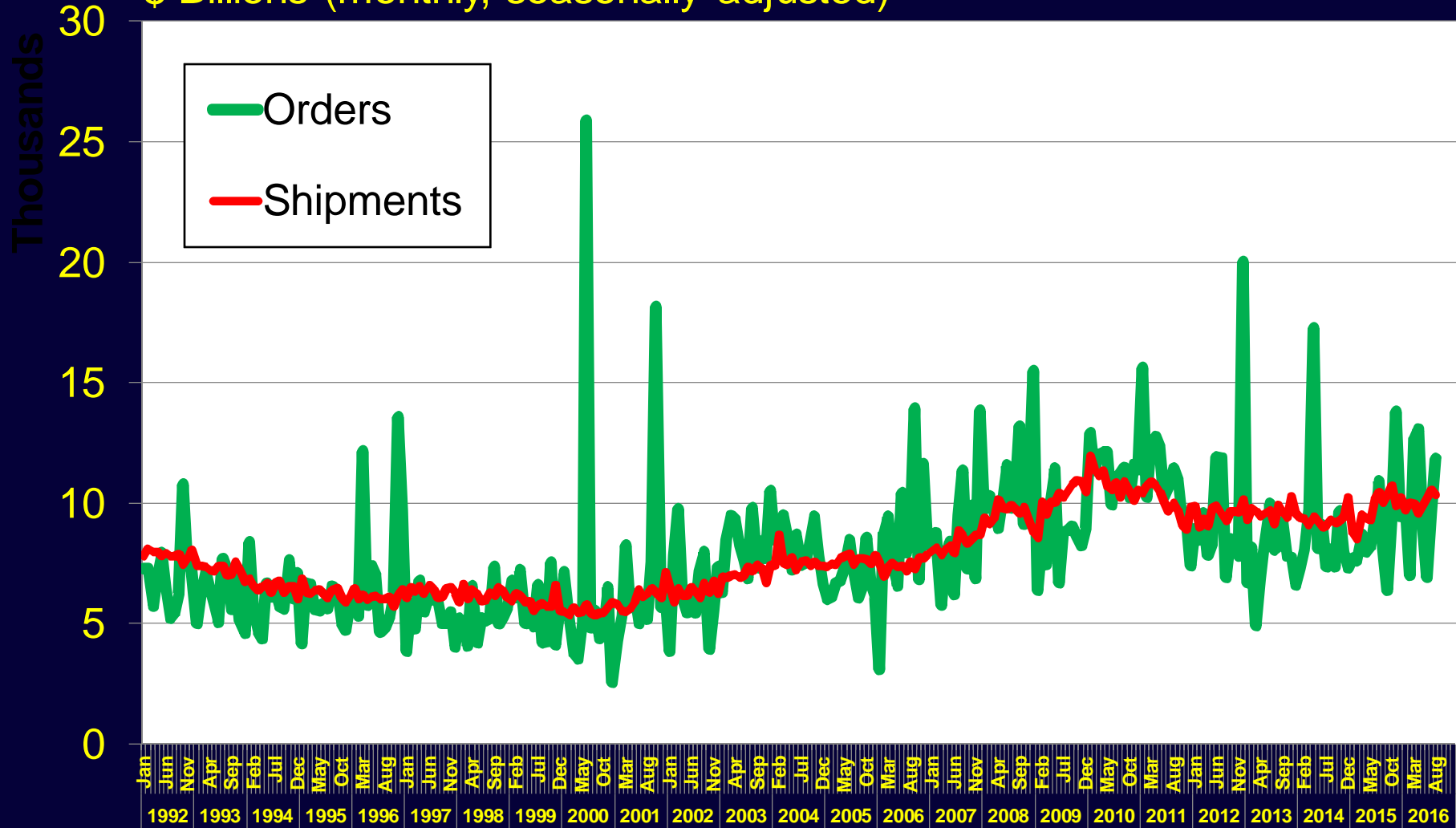


# U.S. Electronic Equipment Inventories vs. Orders

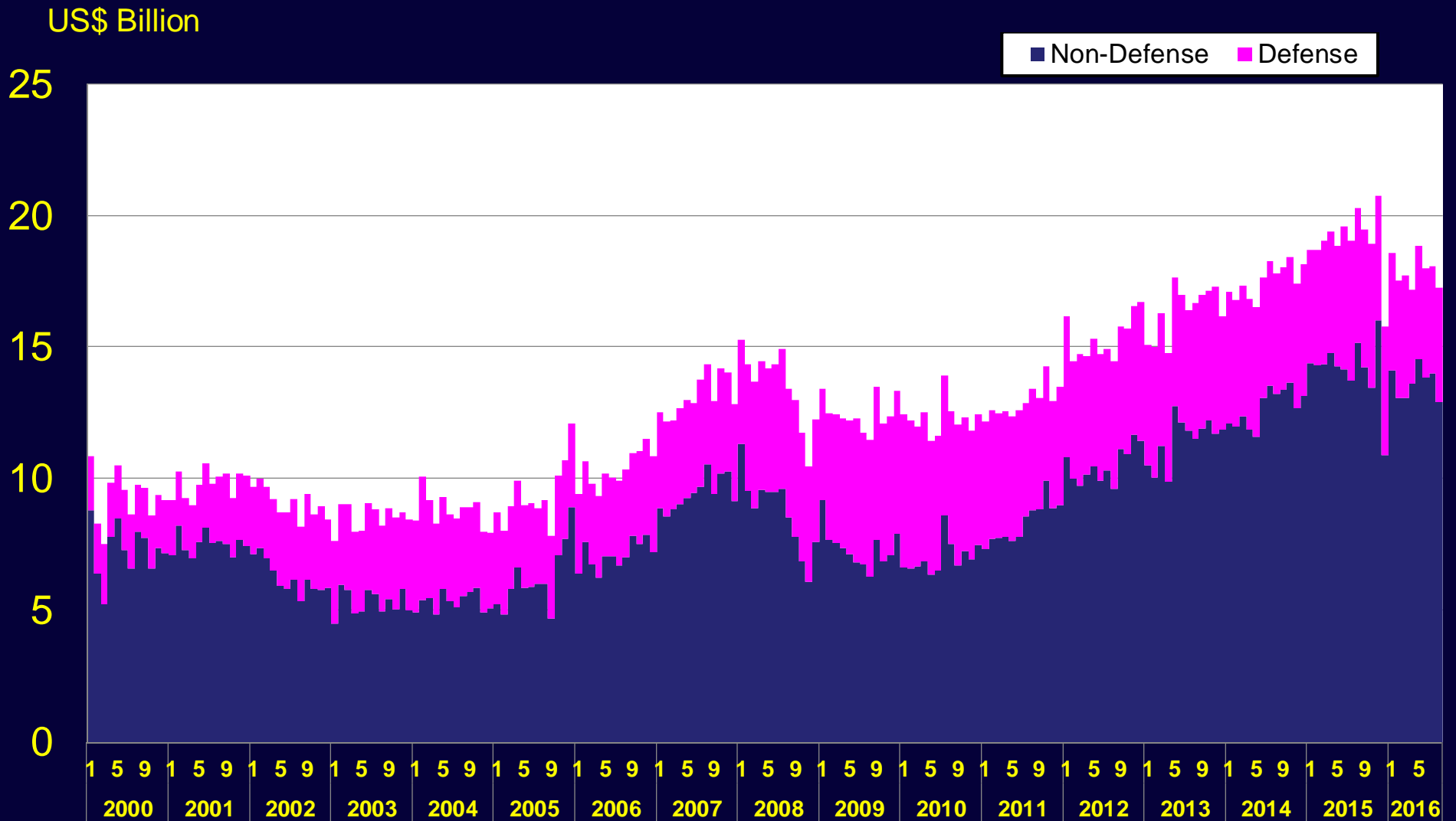


# U.S. Defense Capital Goods Orders & Shipments

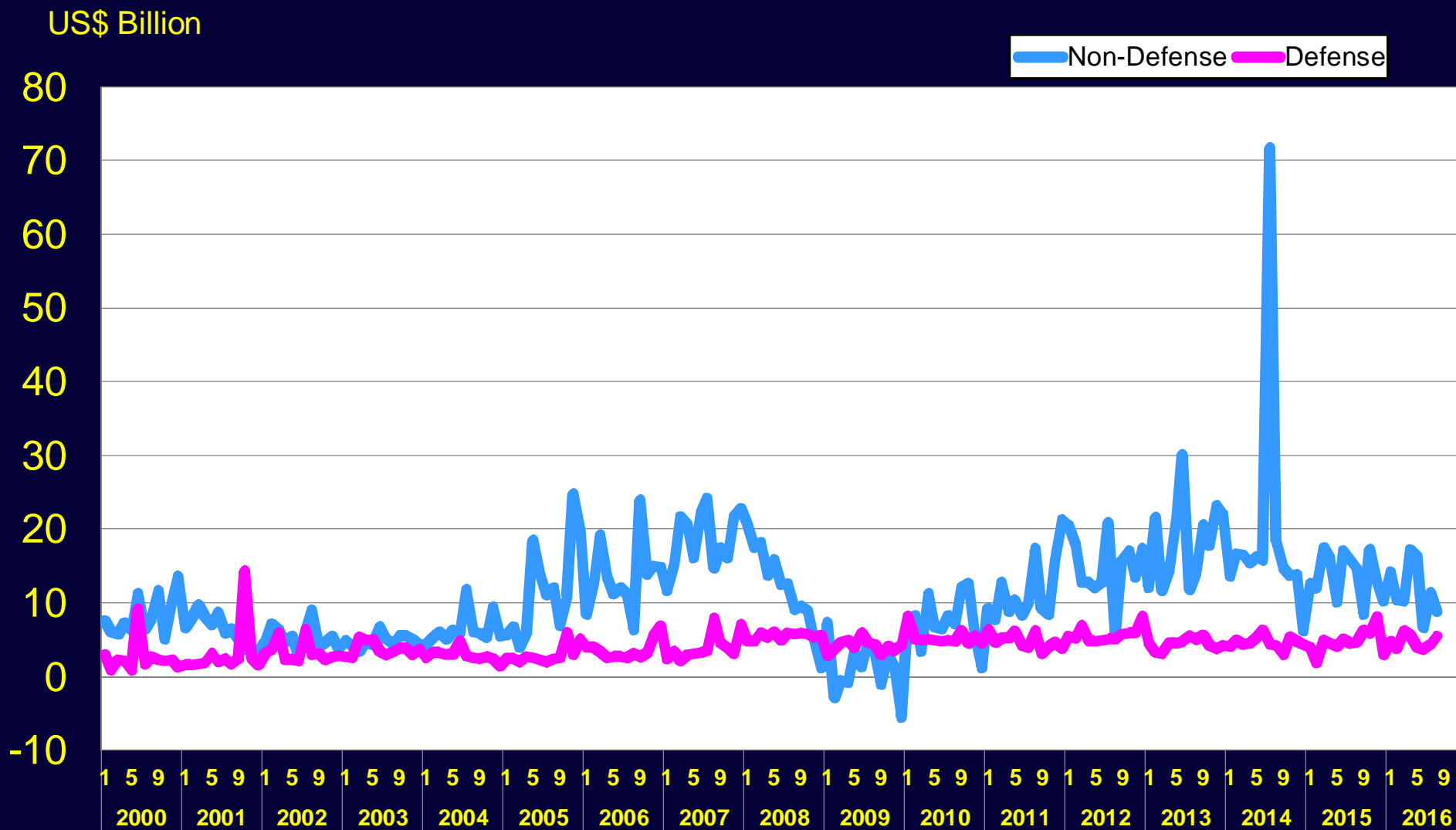
\$ Billions (monthly, seasonally adjusted)



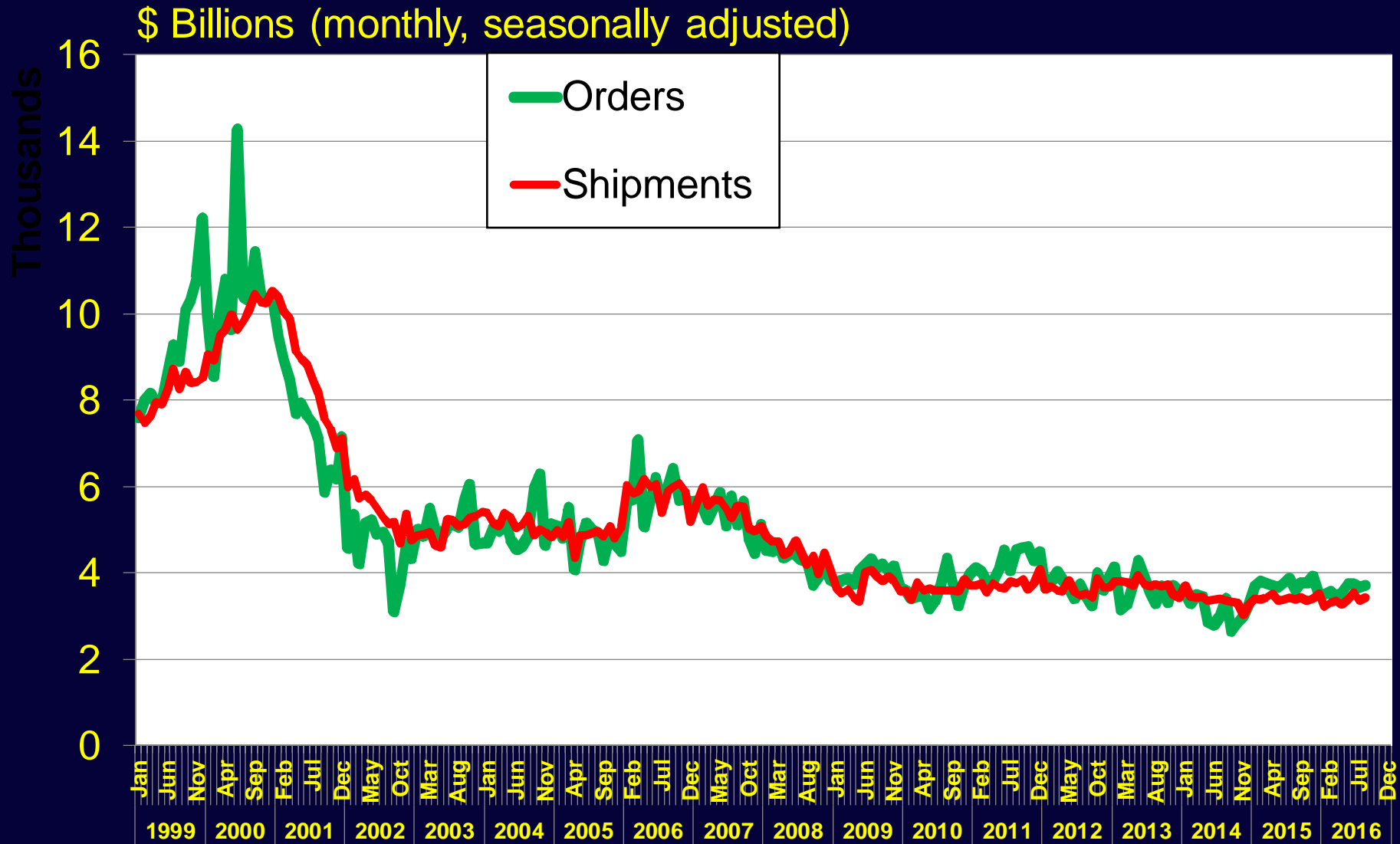
# U.S. Aircraft & Parts Shipments



# U.S. Aircraft & Parts Orders



# U.S. Communication Equipment Orders & Shipments





# U.S. Computers & Related Products Orders & Shipments

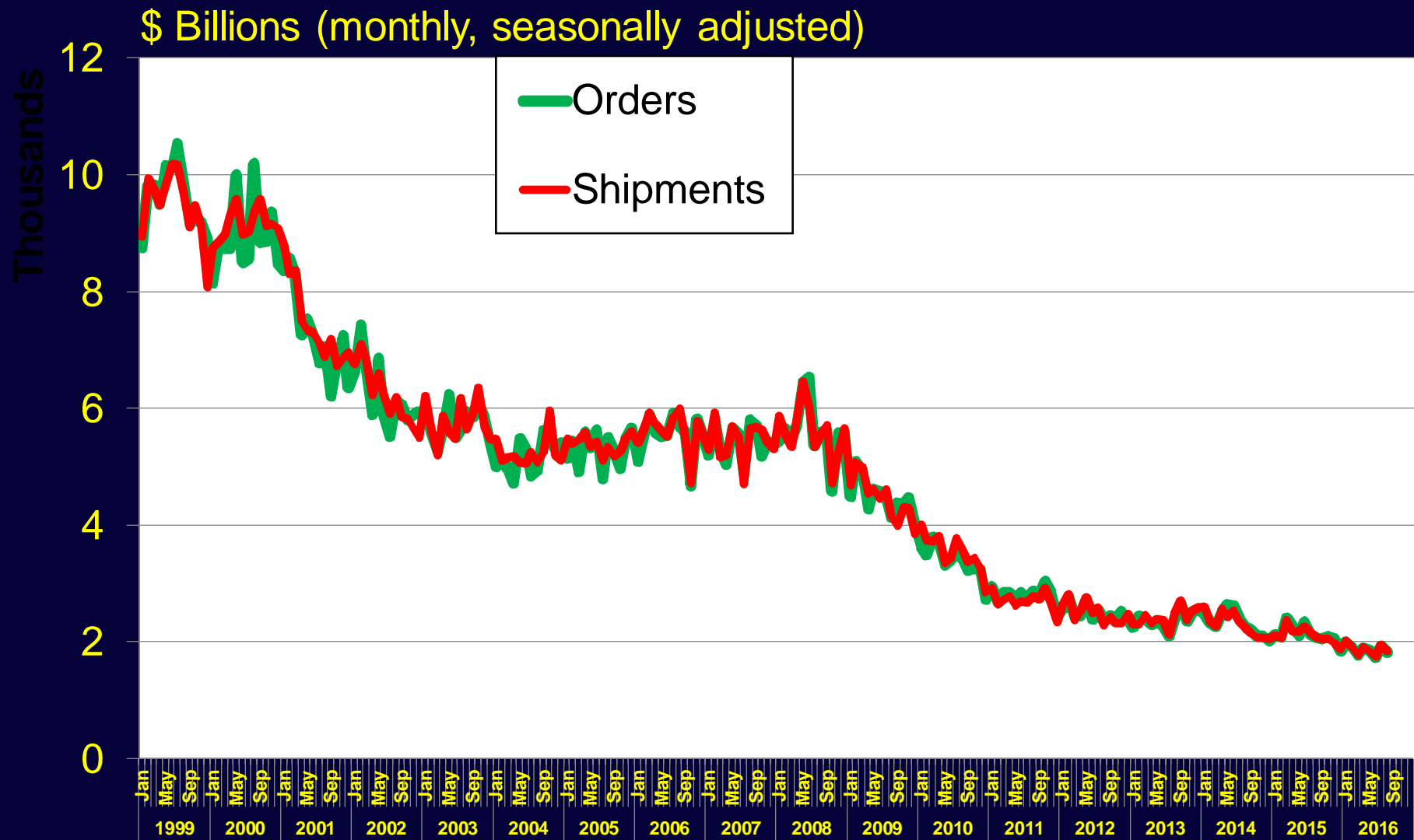
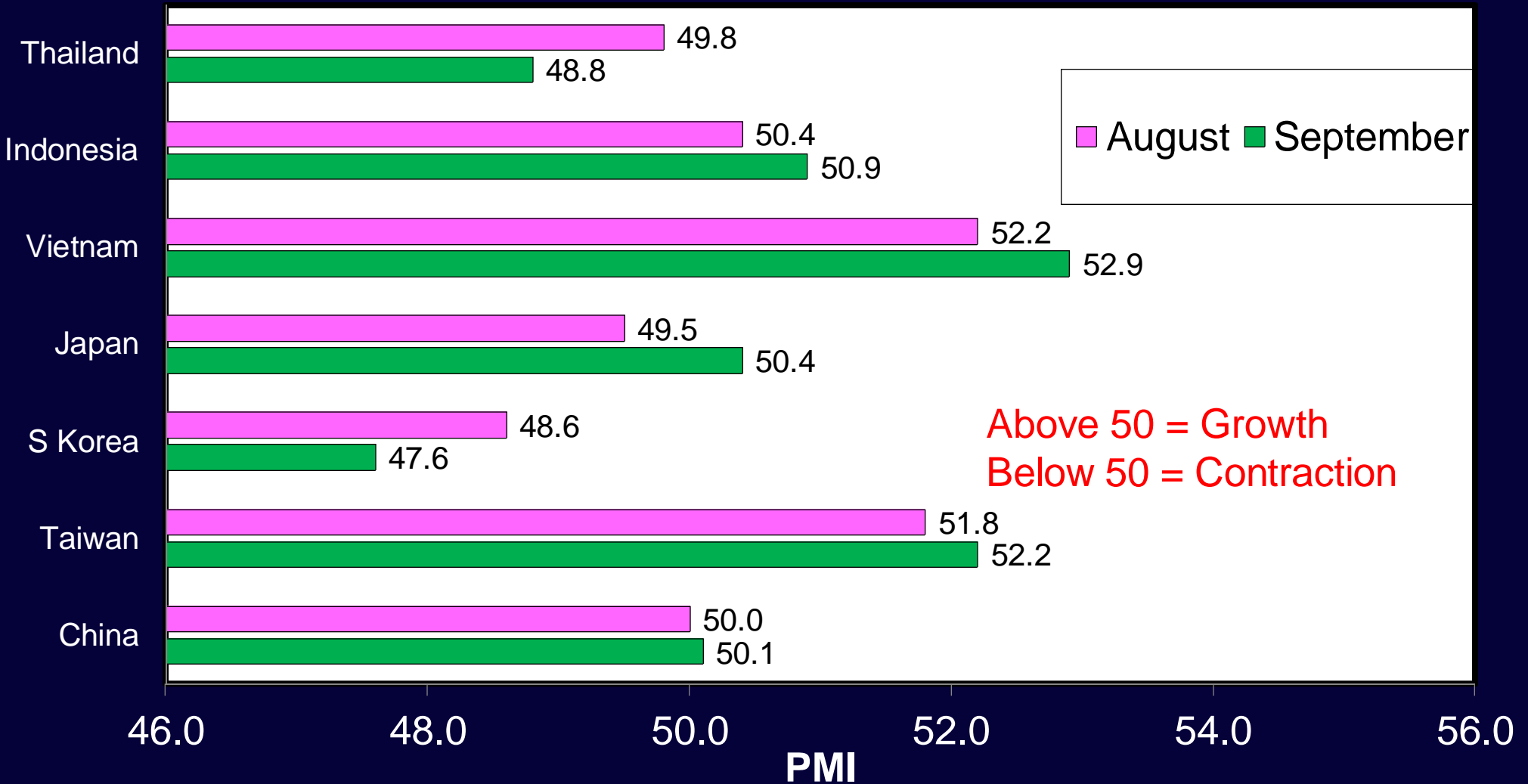


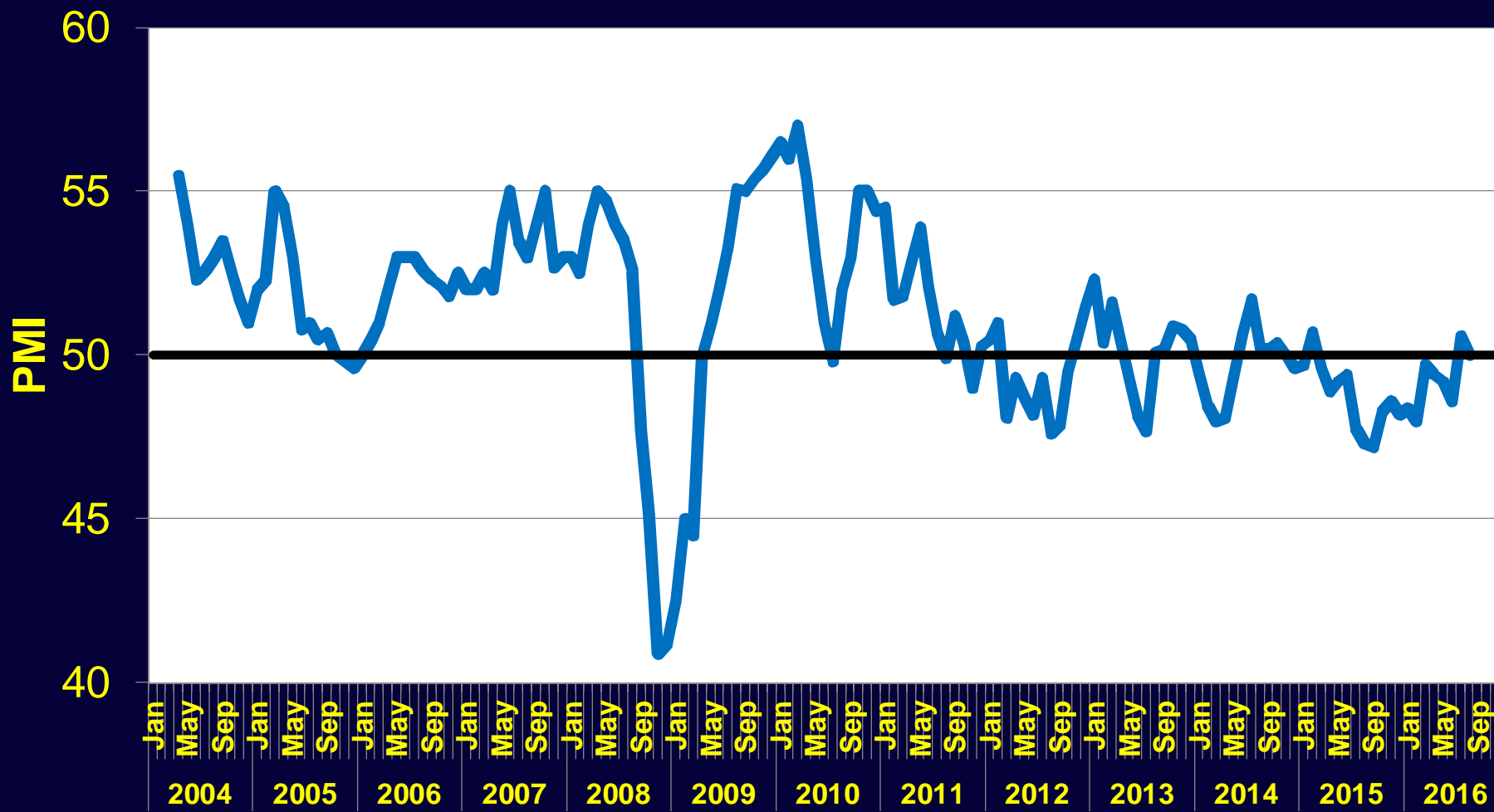
Chart 10

# Asian Purchasing Managers Indices August vs. September 2016

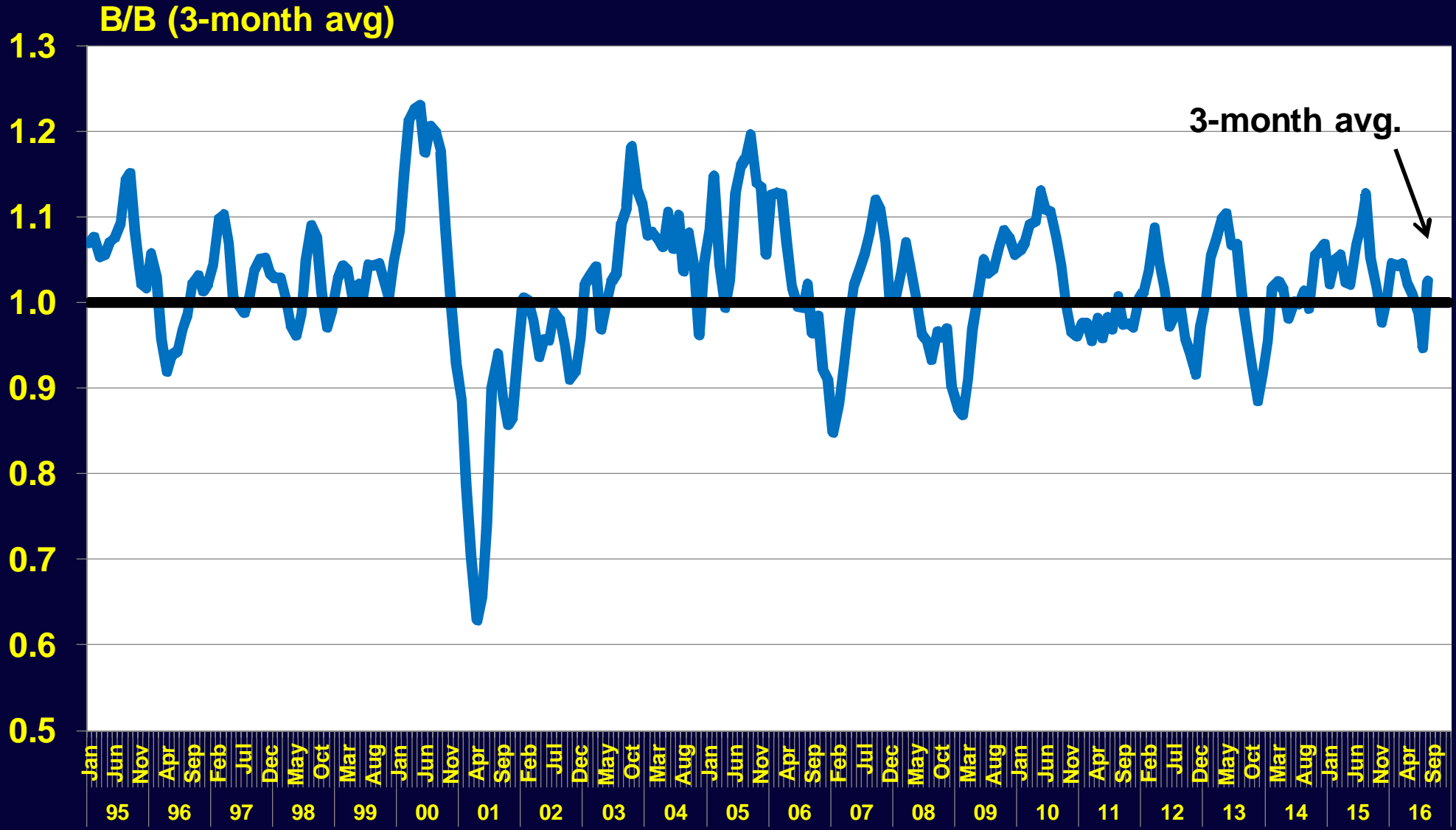


# China "Purchasing Managers" Index

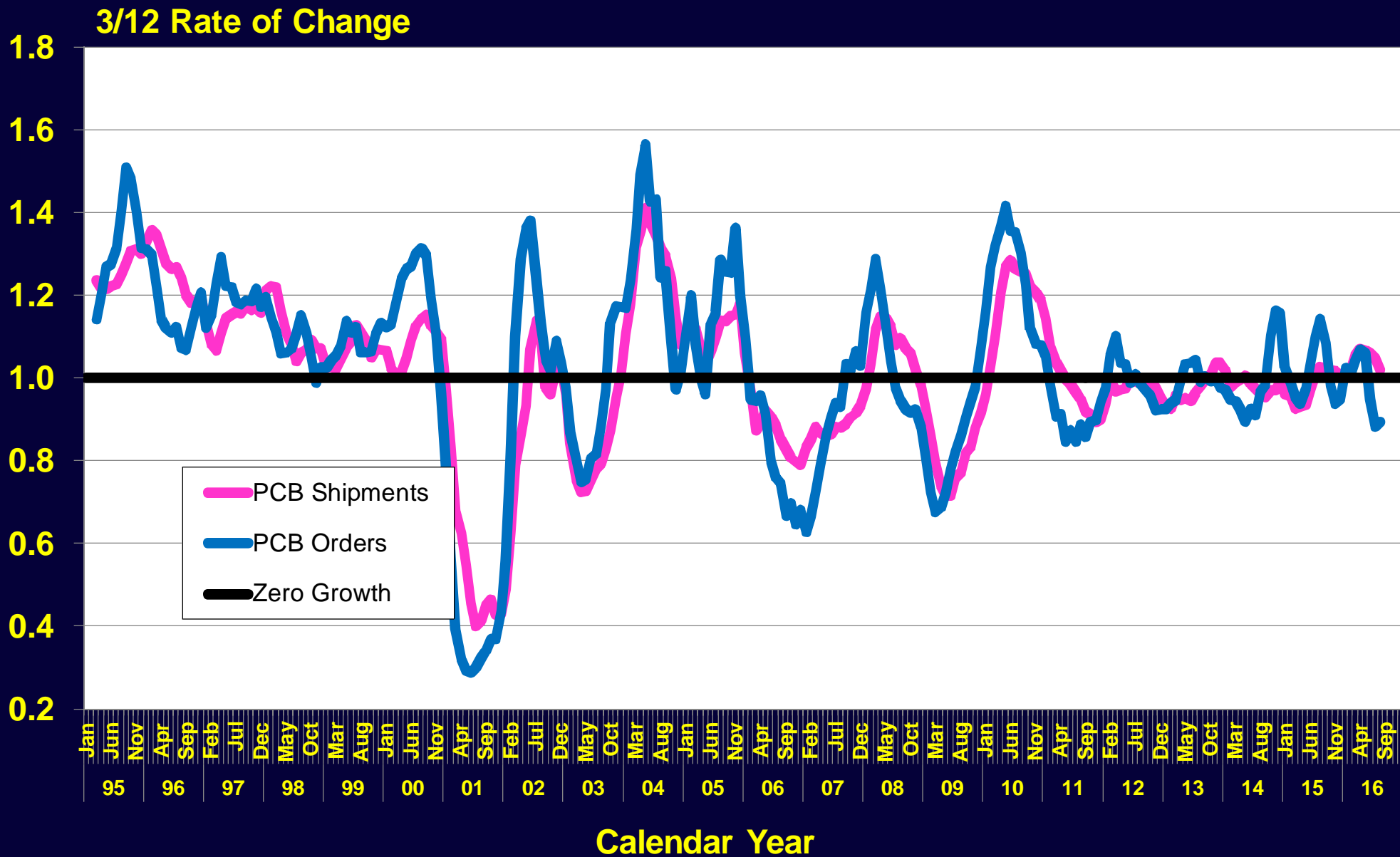
Diffusion Index, >50 = Growth



# Rigid & Flexible PCB Book/Bill N. America



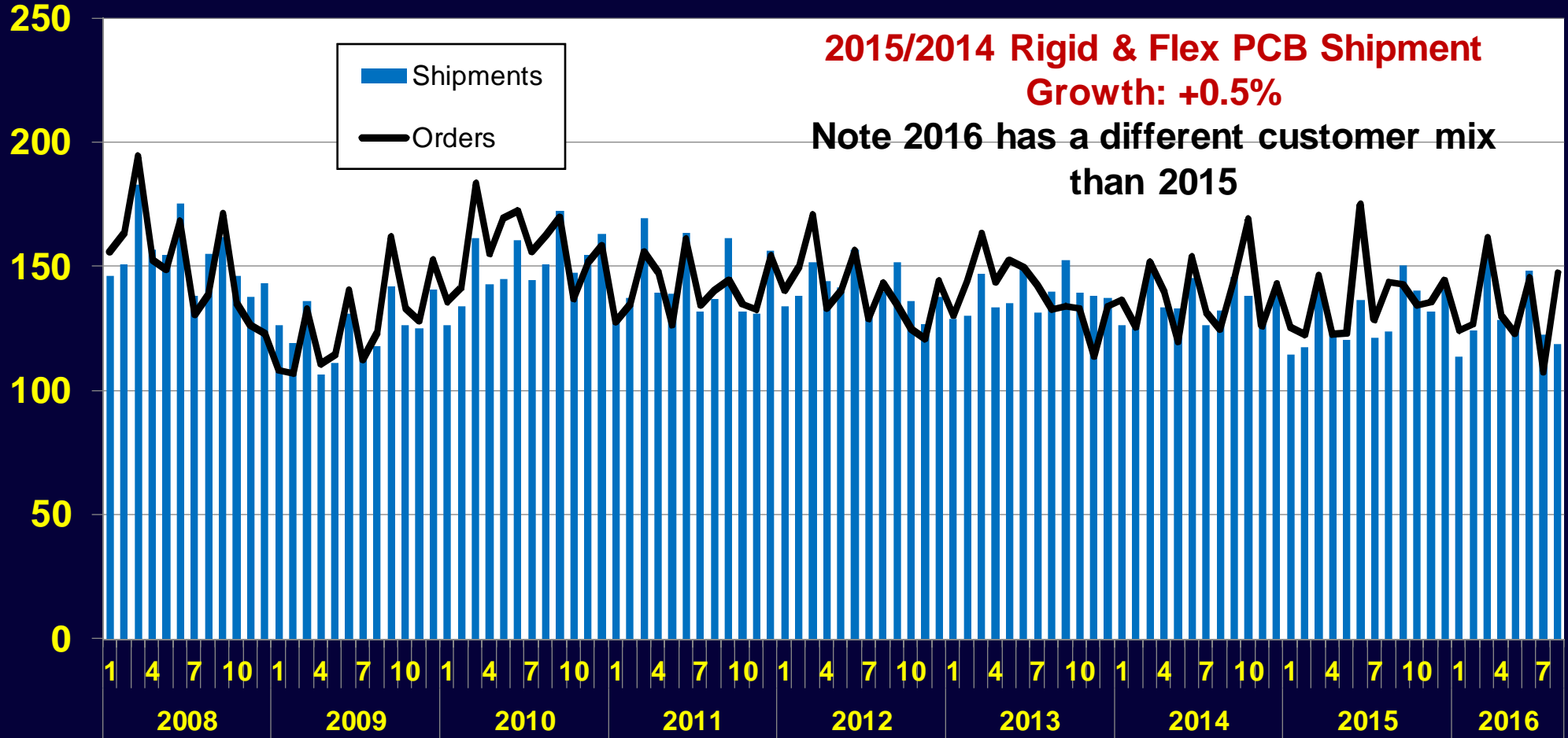
# N. America Rigid & Flexible PCB Orders & Shipments



Data: IPC T/MRC & <http://www.census.gov/indicator/www/m3/>

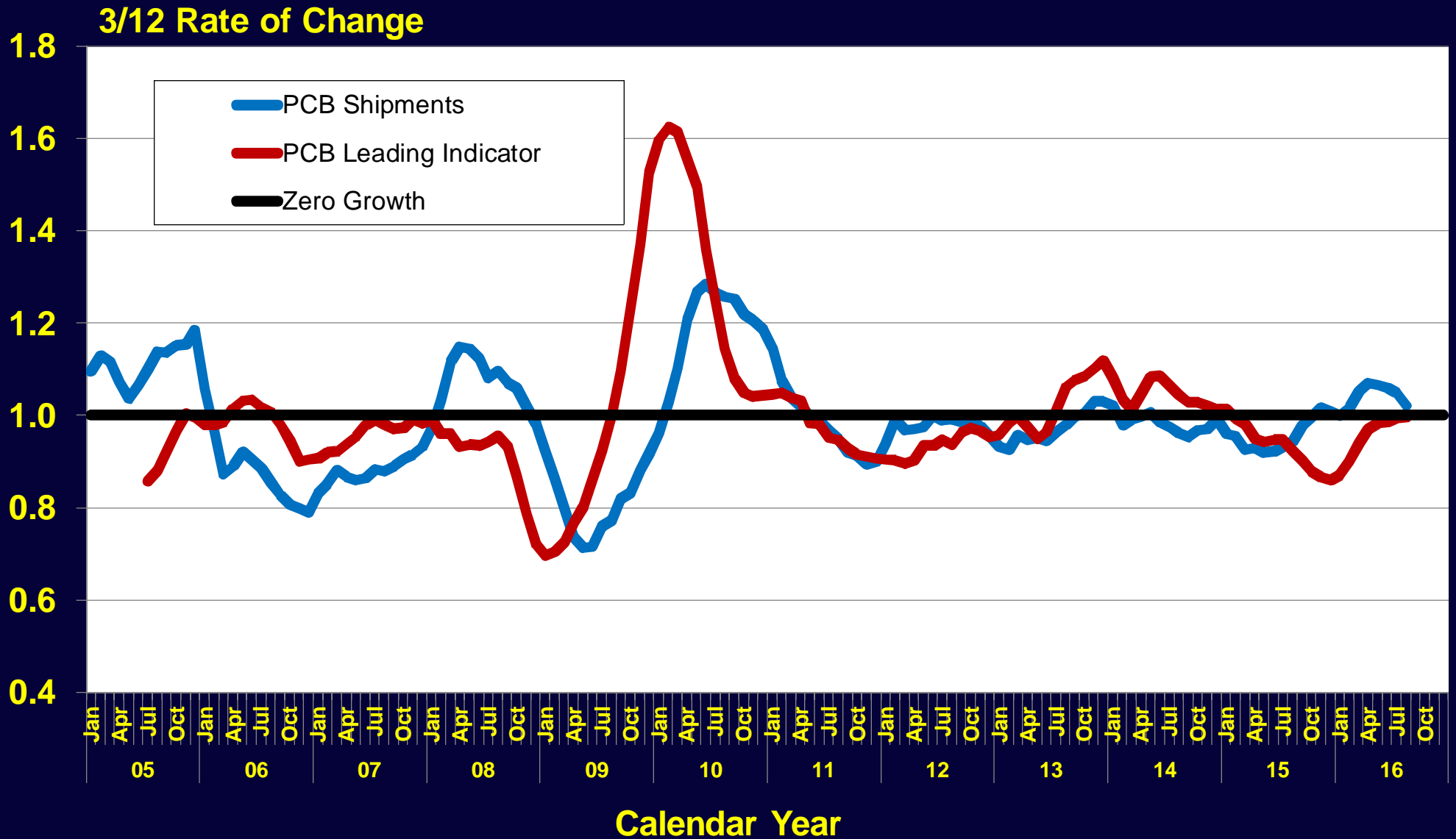
# N American Rigid & Flexible PCB Shipments & Orders

\$M (statistical sample of about 50% of producers)



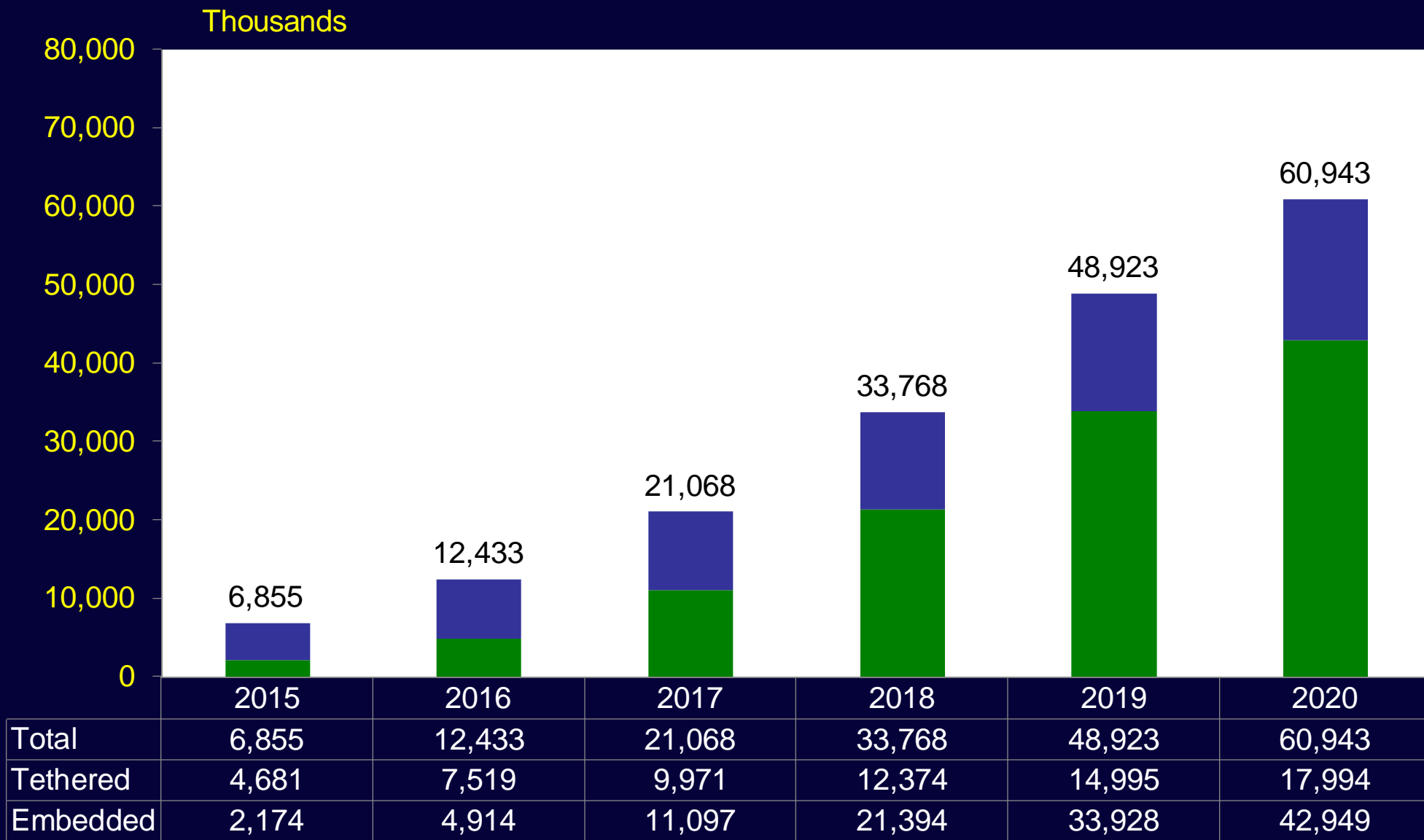
**Note: IPC survey captures "market" not domestic production. About 15% of the above represents imported boards resold by N American PCB producers in survey.**

# N America CCG PCB Leading Indicator vs. N America Rigid & Flex PCB Shipments



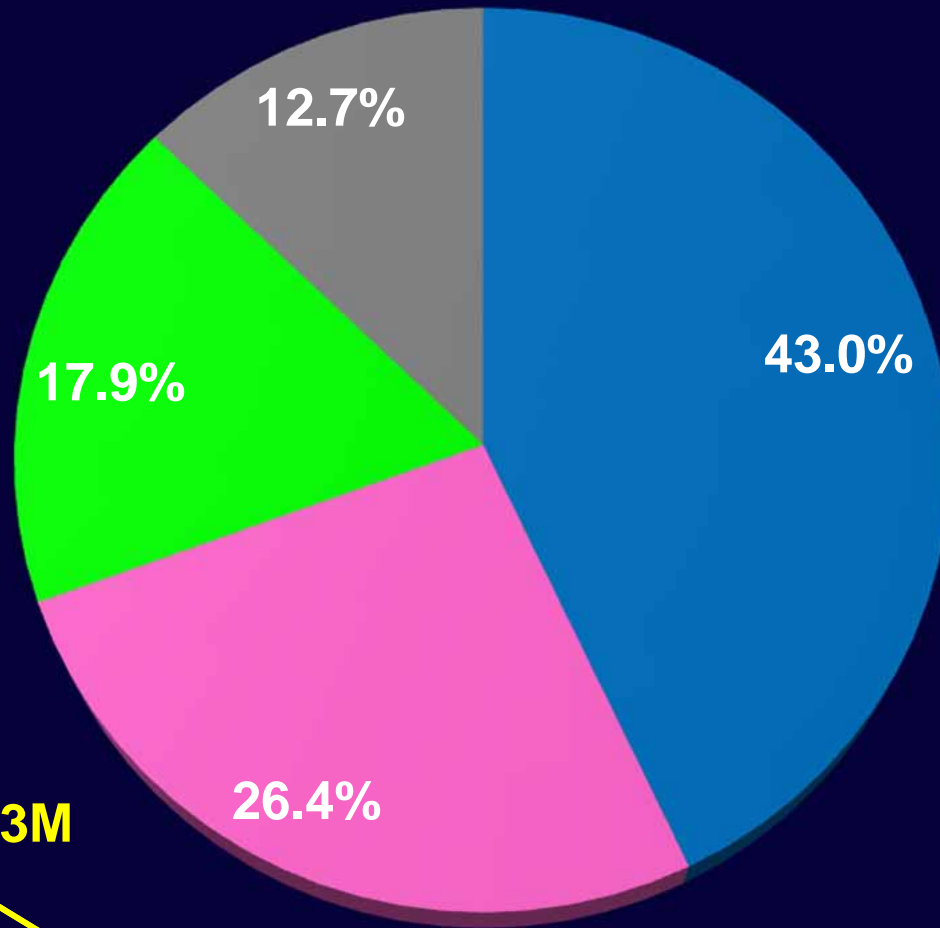
Source: Custer Consulting Group

Chart 16 **Connected Car Production by Connectivity Mode, Worldwide**



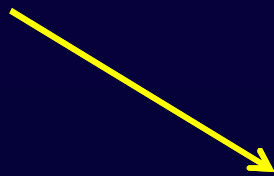


# Top 3 Vendors, Worldwide Integrated Systems & Certified Reference Systems 2Q'16



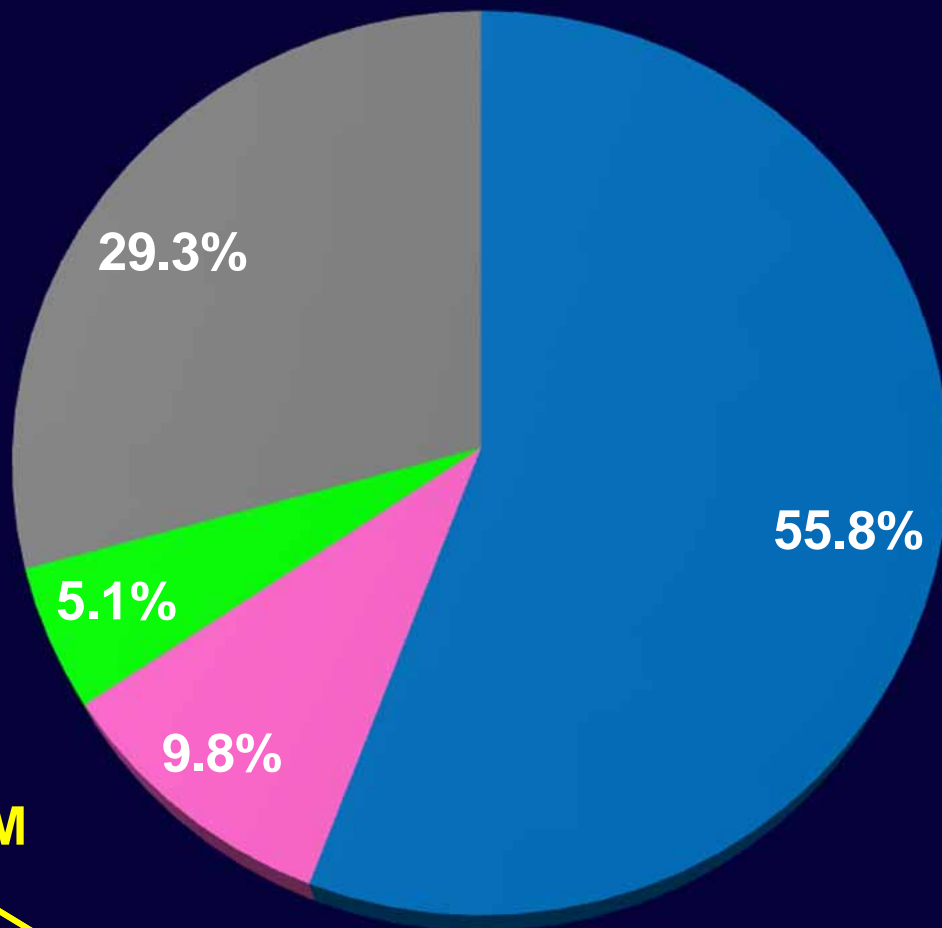
- EMC
- Cisco/NetApp
- HPE
- Others

2Q'15: \$1,553M

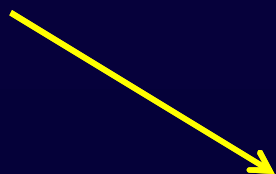


2Q'16: \$1,627 Million

# Top 3 Vendors, Worldwide Integrated Platforms 2Q'16



2Q'15: \$896M



2Q'16: \$864 Million

# Worldwide Converged Systems Market by Product Category Q2'15 – Q2'16 Vendor Revenue

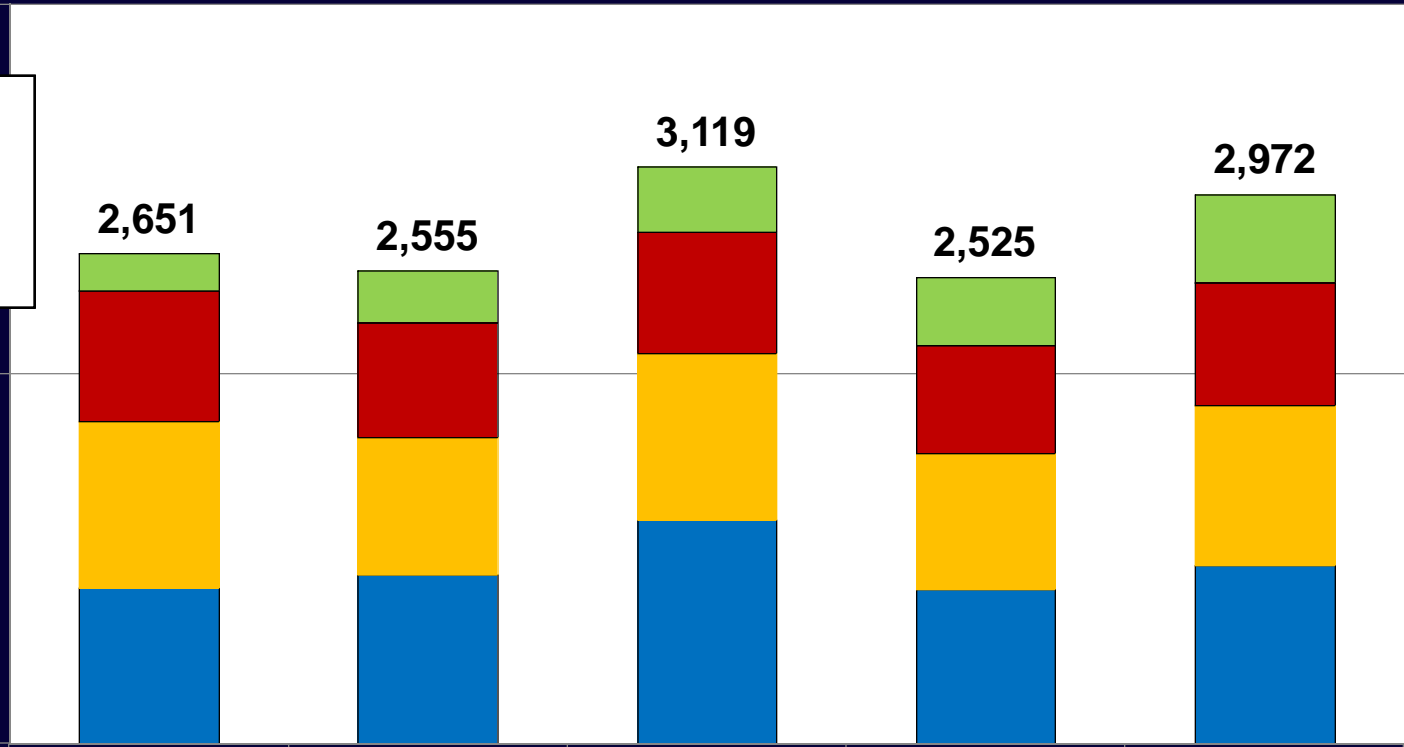
US\$ (Millions)

4,000

2,000

0

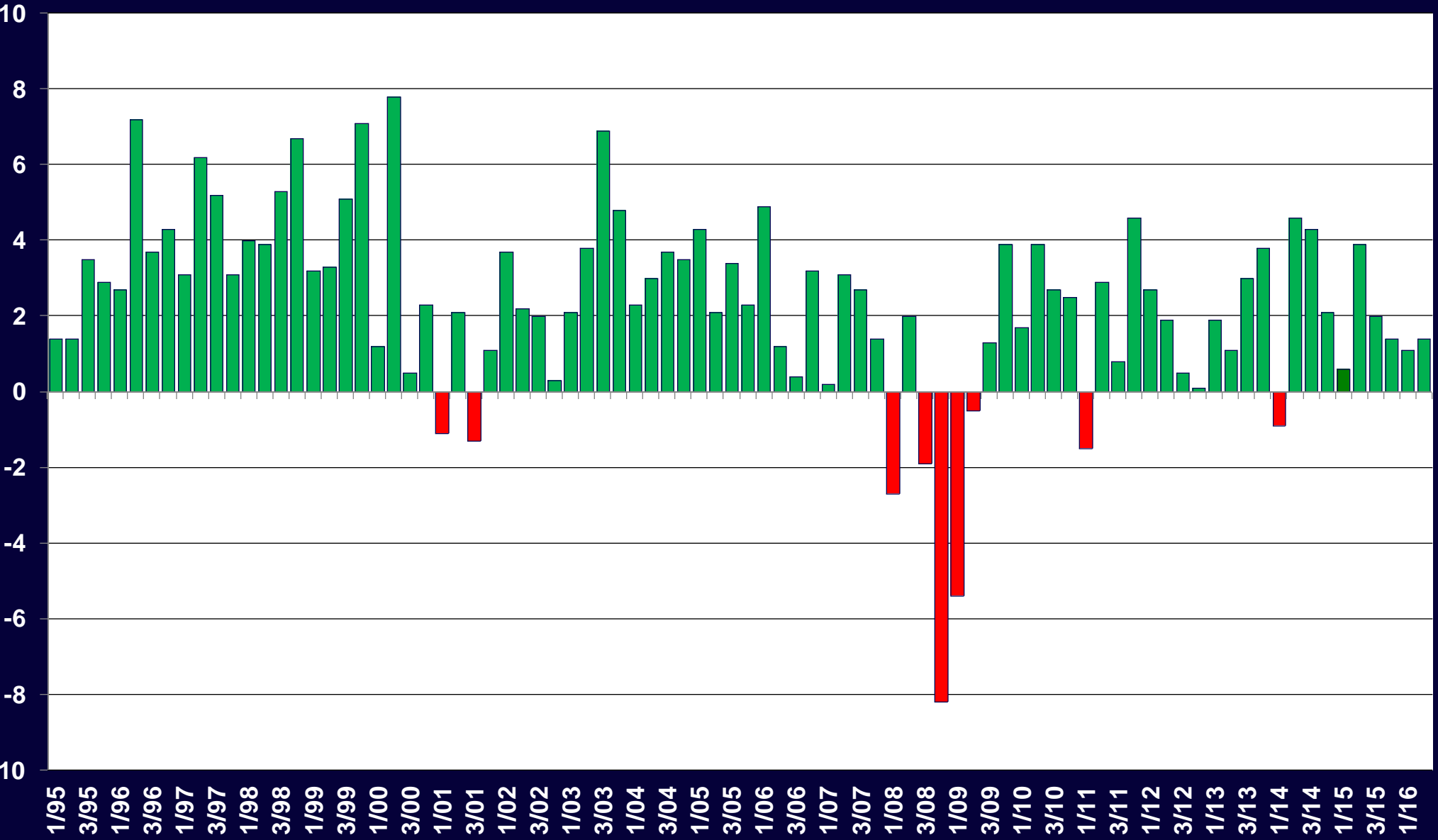
- Total
- Hyperconverged Systems
- Certified Reference Systems
- Integrated Platforms
- Integrated Infrastructure



	Q2	Q3	Q4	Q1	Q2
	2015			2016	
Total	2651	2555	3119	2525	2972
Hyperconverged Systems	202	280	351	373	481
Certified Reference Systems	709	620	655	585	666
Integrated Platforms	896	744	901	733	864
Integrated Infrastructure	844	911	1212	834	962

# U.S. GDP Growth

## % Change vs. Prior Quarter (Chained 2009 \$)



# U.S. Consumer Confidence

