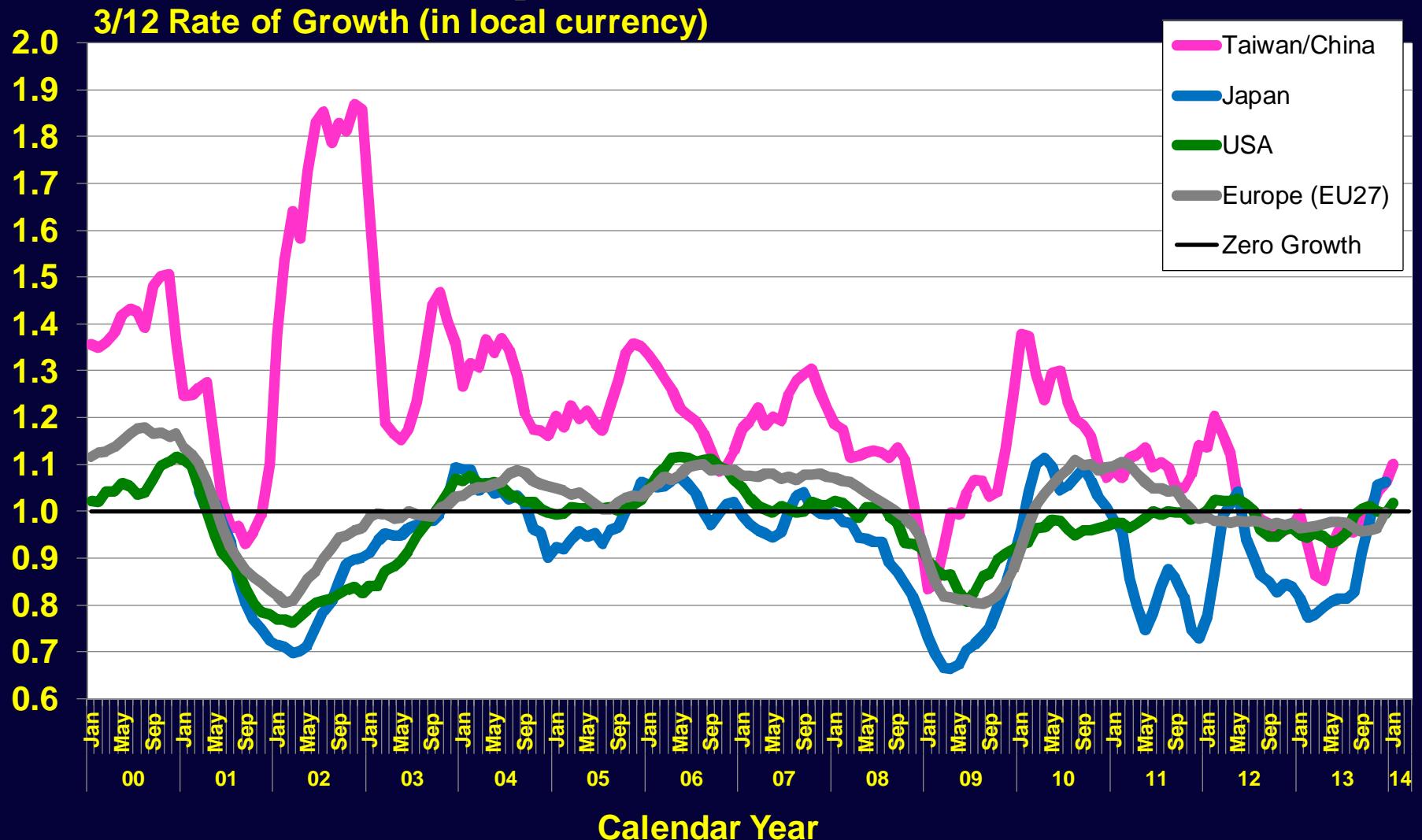


# Regional Electronic Equipment Shipment Growth

Chart 1

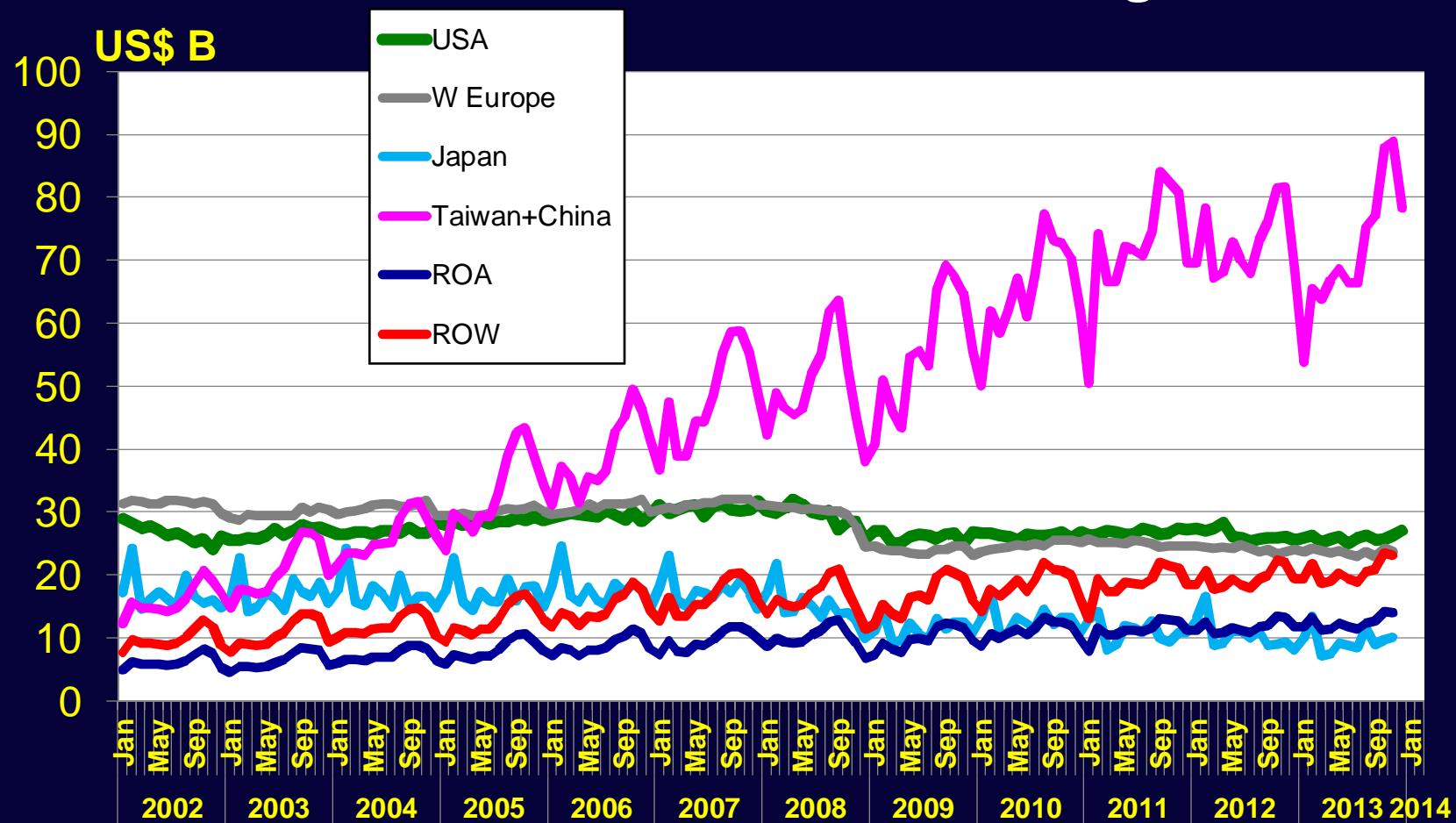


Sources: IPC, JPCA, Taiwan/China composite; Eurostat "wiring devices" for Europe

Chart 2

# World Electronic Equipment Monthly Shipments

## Converted @ Constant 2012 Exchange Rates

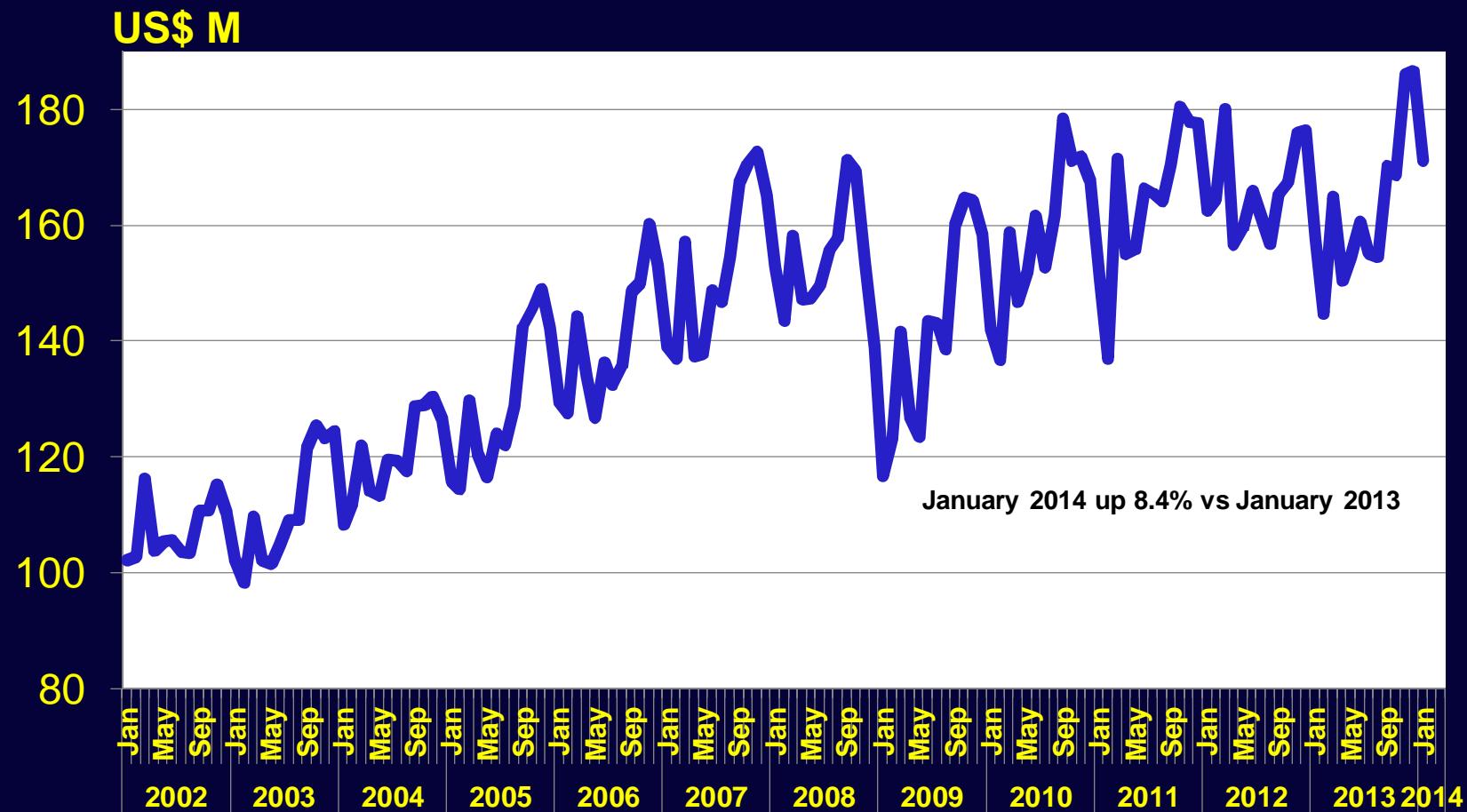


Source: Custer Consulting Group & Electronic Outlook Corp

Chart 3

# World Electronic Equipment Monthly Shipments

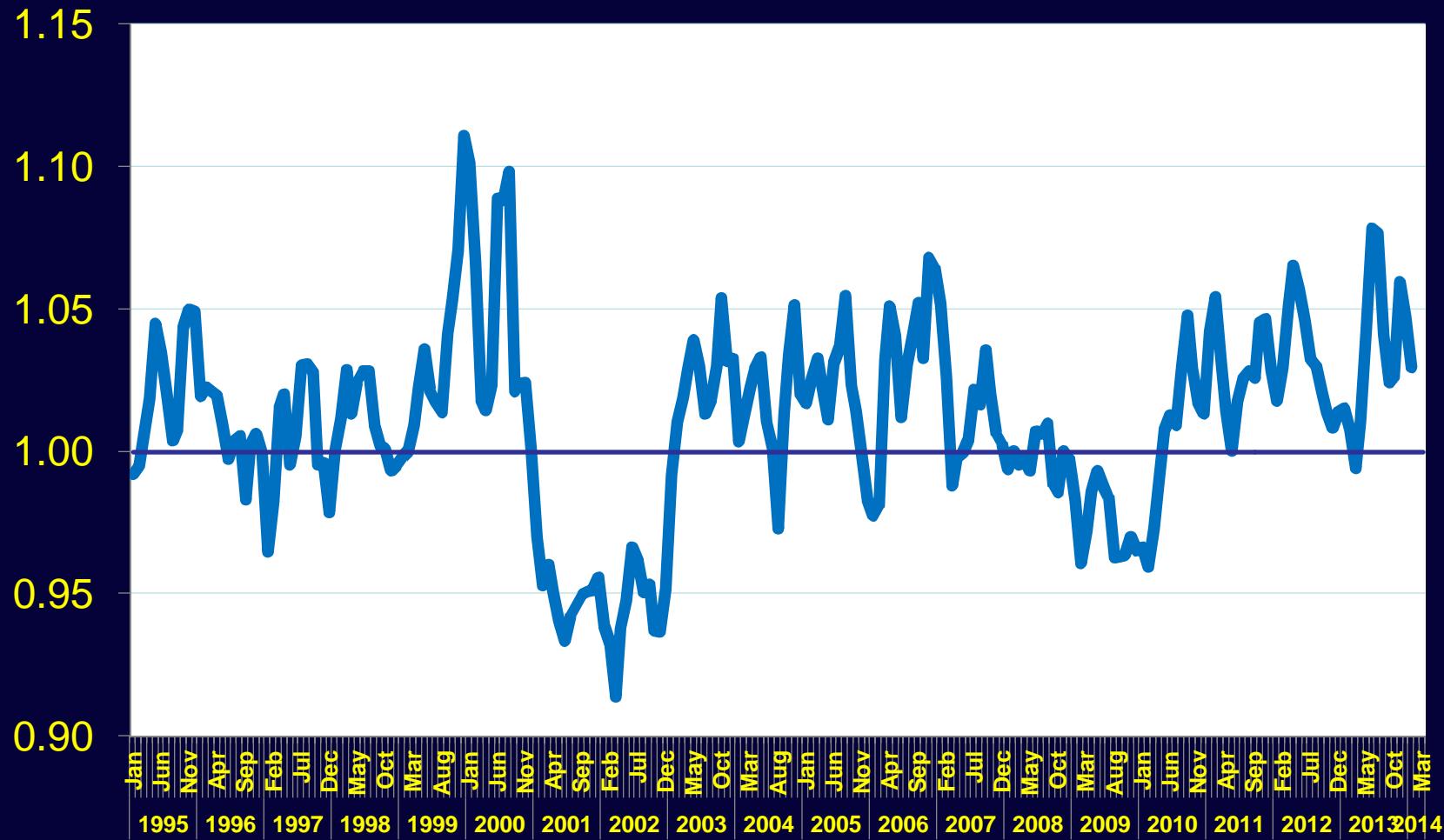
## Converted @ Fluctuating Exchange Rates



Source: Custer Consulting Group & Electronic Outlook Corp

Chart 4

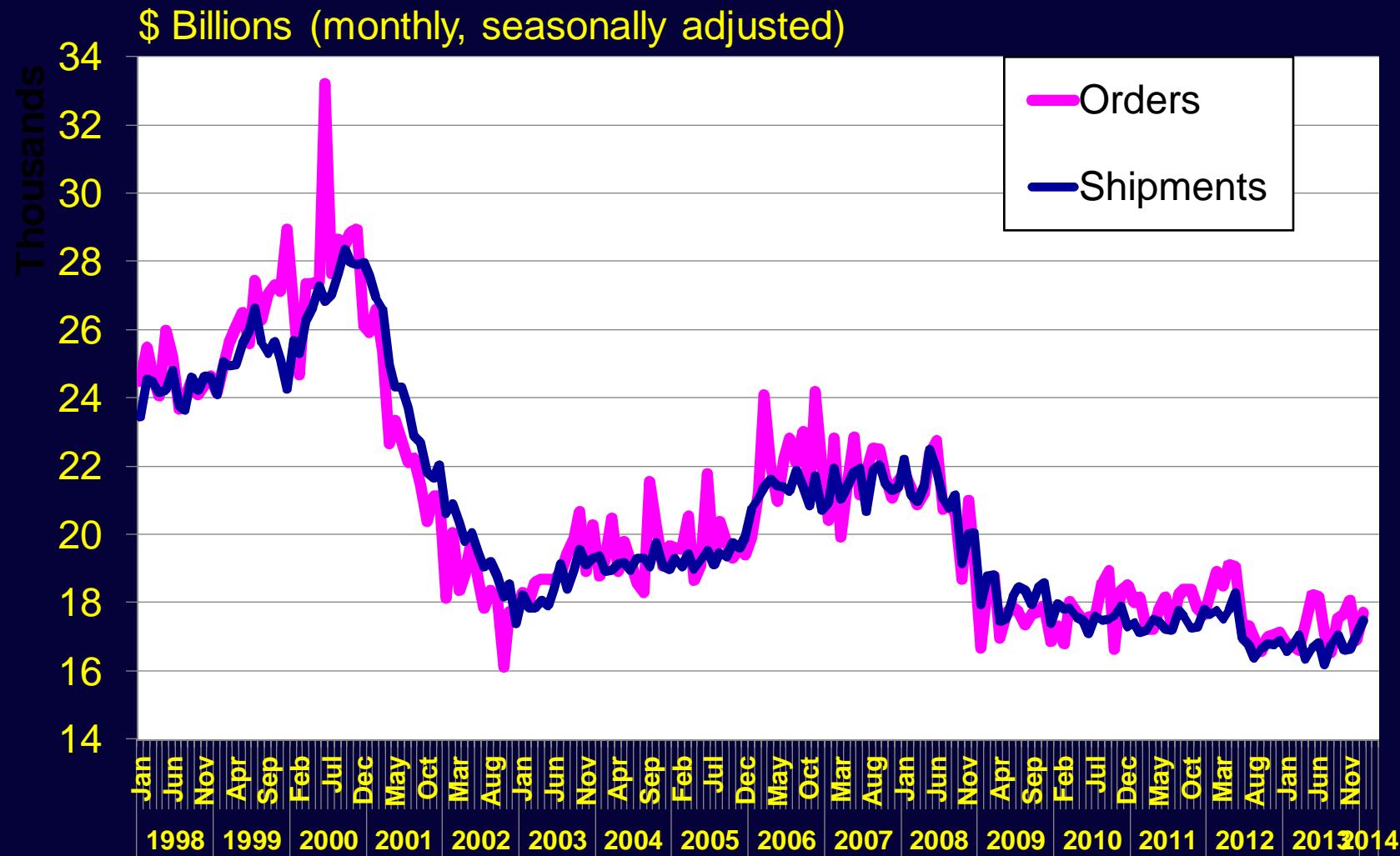
## U.S. Electronic Equipment Book/Bill Ratio 3-Month Average



## Chart 5

# **U.S. Electronic Equipment Orders & Shipments**

## **Computer, Communications, Measurement & Control and Military**



## Chart 6

# **U.S. Electronic Equipment Order & Shipment Growth**

## **Computer, Communications, Measurement & Control and Military**

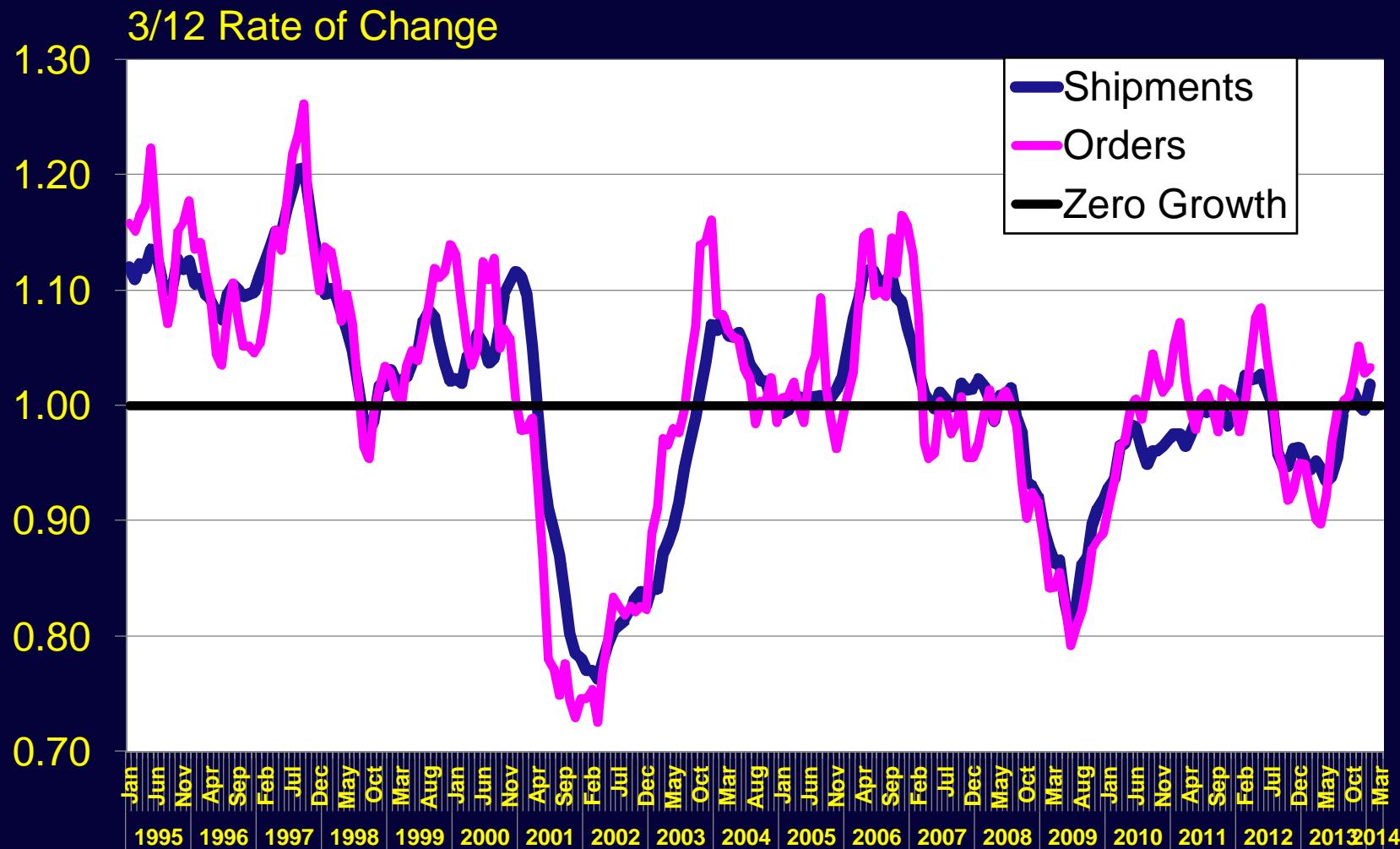


Chart 7

## U.S. Electronic Equipment Inventories vs. Orders



Chart 8

# U.S. Defense Capital Goods Orders & Shipments

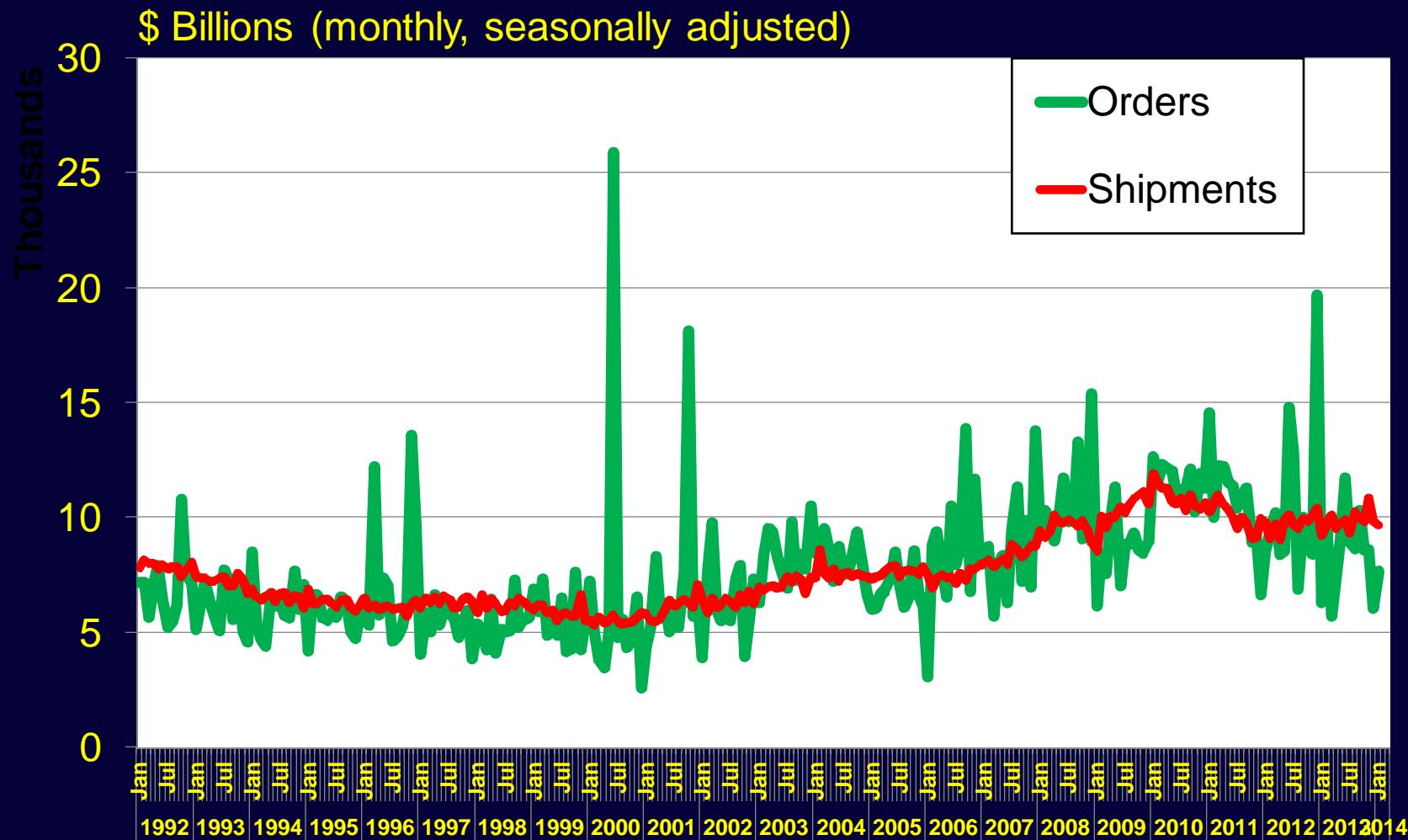


Chart 9

# U.S. Defense Capital Goods Book/Bill Ratio

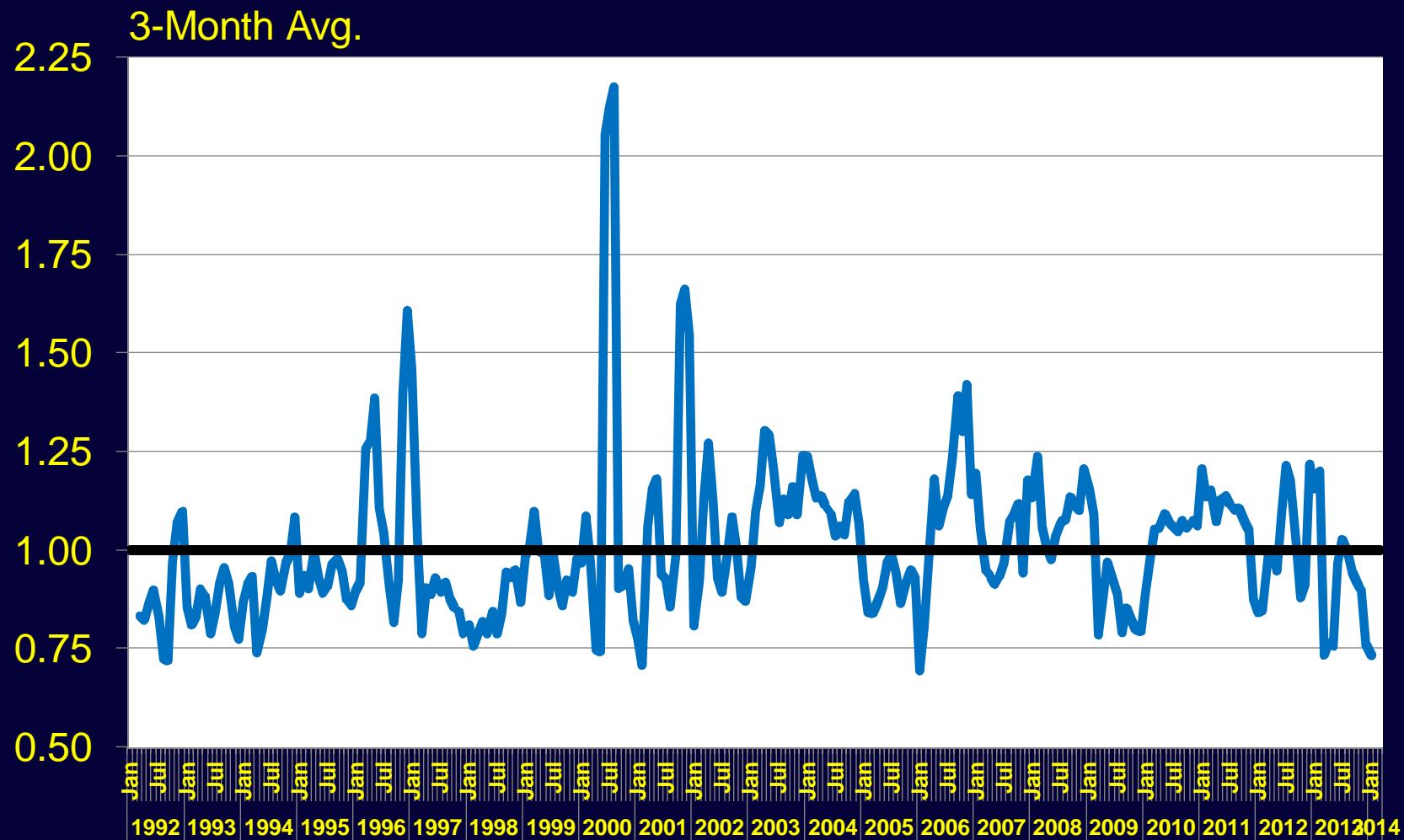
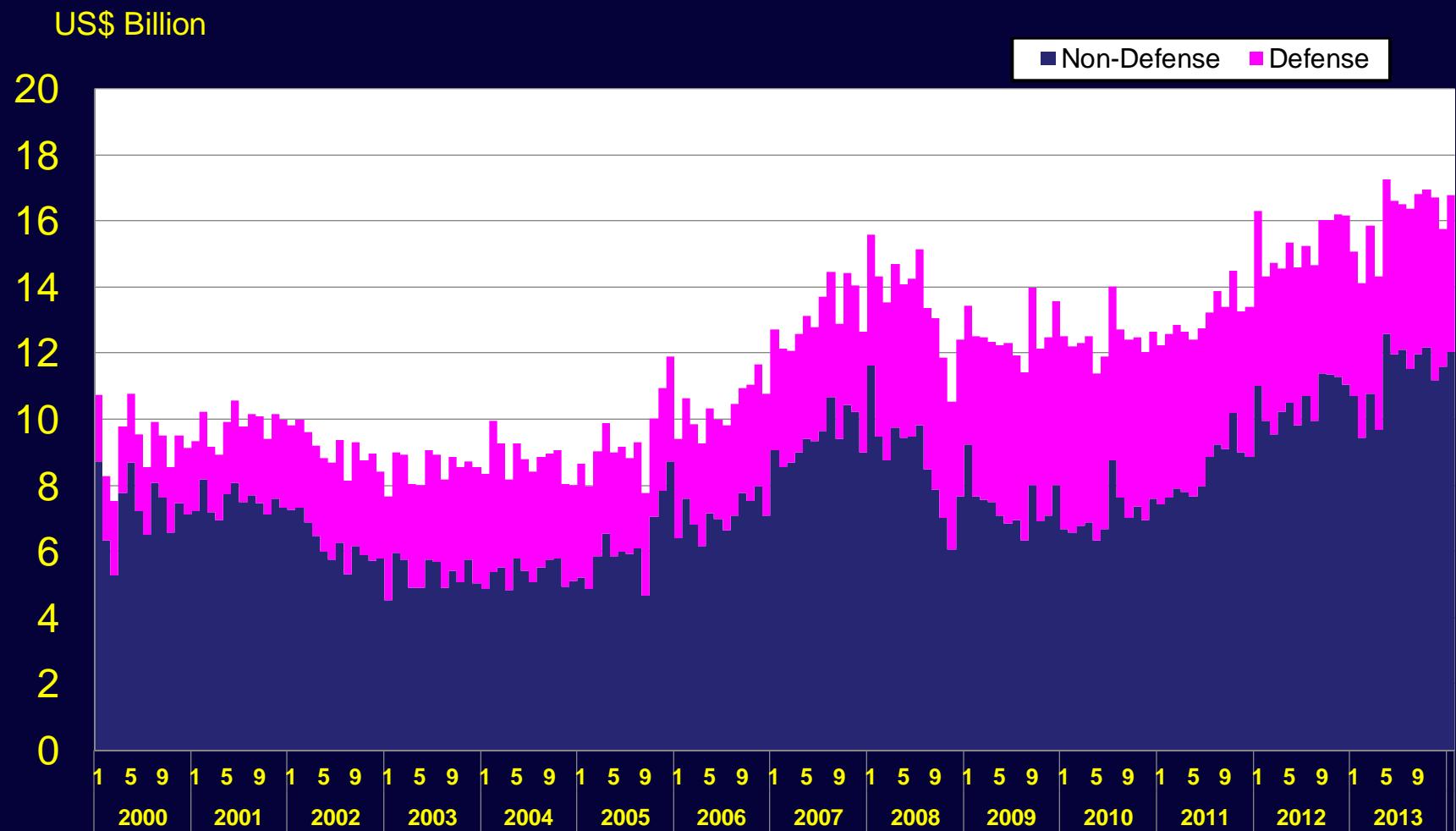


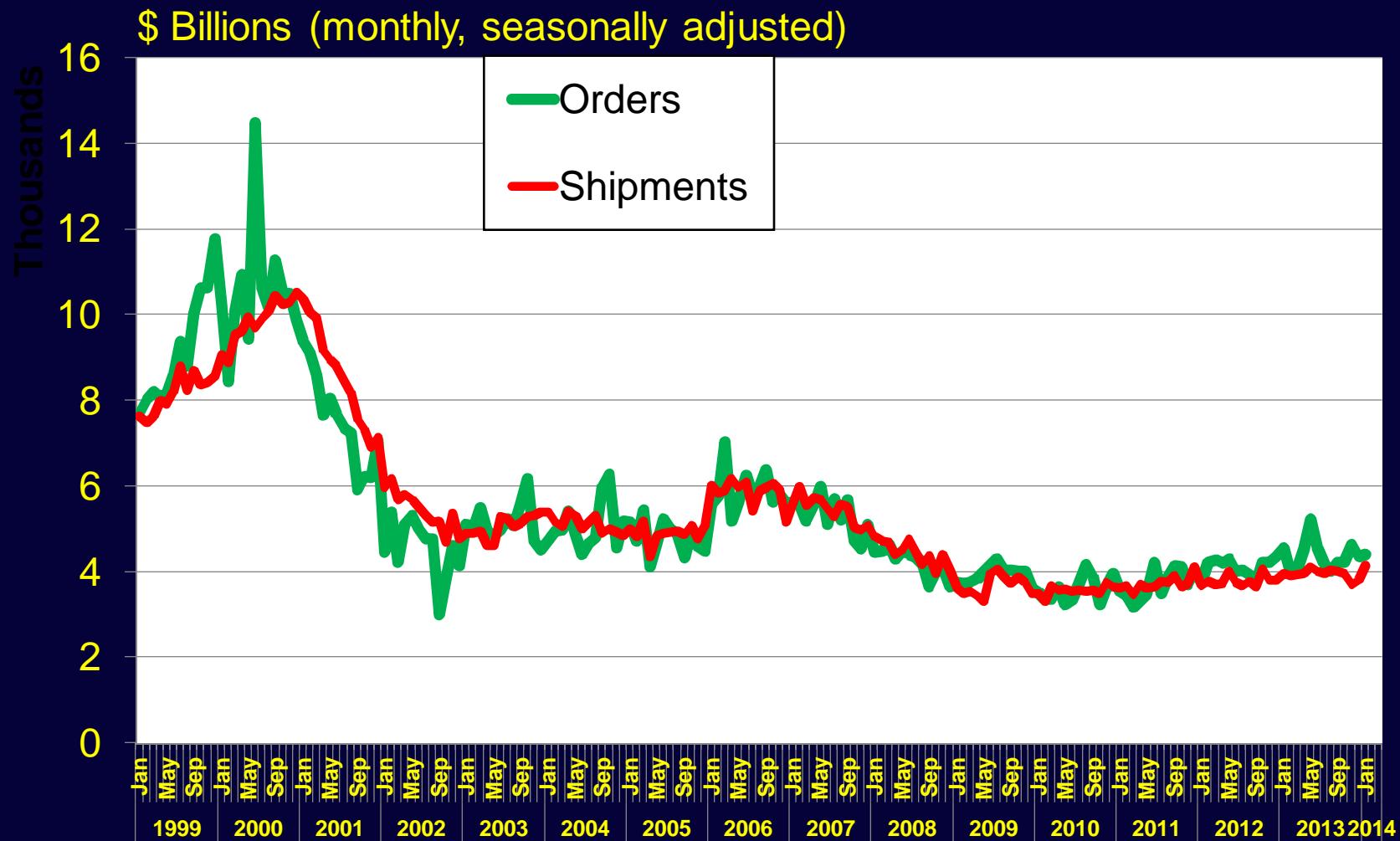
Chart 10

# U.S. Aircraft & Parts Shipments



## Chart 11

# U.S. Communication Equipment Orders & Shipments



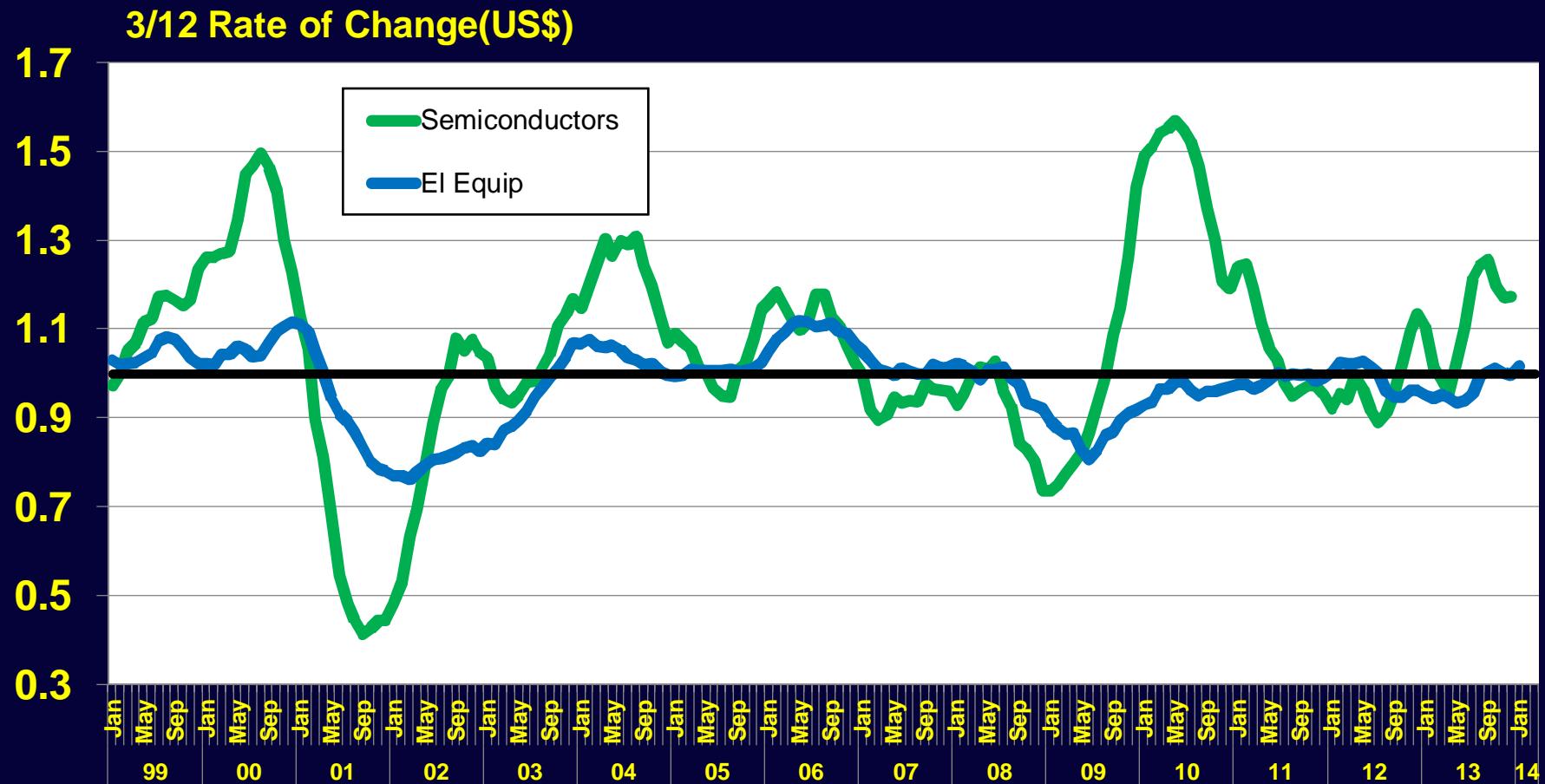
## Chart 12

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



Chart 13

## Semiconductor Shipments to N. America vs. U.S Electronic Equipment Production



Total \$ Semiconductor Shipments from All Countries to N. America [www.sia-online.org/](http://www.sia-online.org/)  
U.S. Electronic Equipment Shipments [www.census.gov/indicator/www/m3/](http://www.census.gov/indicator/www/m3/)

Chart 14

# Present Growth Rates (%) U.S. Economy & Electronics Industry

	Latest Month	Annual Growth	3-Month Growth
<b>Electronic Component \$</b>			
Rigid & Flex PCB Orders (N Amer)	12/13	98.9	97.2
Rigid & Flex PCB Shipments (N Amer)	12/13	98.1	103.2
Electronic Component Orders	12/13	97.2	97.1
Electronic Component Shipments	12/13	97.7	100.5
Semiconductor Shipments to N America	12/13	113.1	117.3
<b>U.S. Electronic Equipment Orders \$</b>			
Computer & Related	1/14	92.8	95.8
Communication	1/14	104.6	102.0
Medical, Measurement & Control	11/13	97.8	109.9
Search & Navigation	11/13	91.8	98.6
Defense Capital Goods	1/14	82.3	65.0
Military Electronics	12/13	88.7	93.0
Total Electronic Equipment	1/14	98.8	103.3
<b>U.S. Industrial Production</b>	<b>1/14</b>	<b>102.7</b>	<b>103.1</b>

NOTE: 3 month growth rates compare most recent 3 months to same 3 months one year earlier

# DMASS - European Semiconductor Distribution Industry

Chart 15

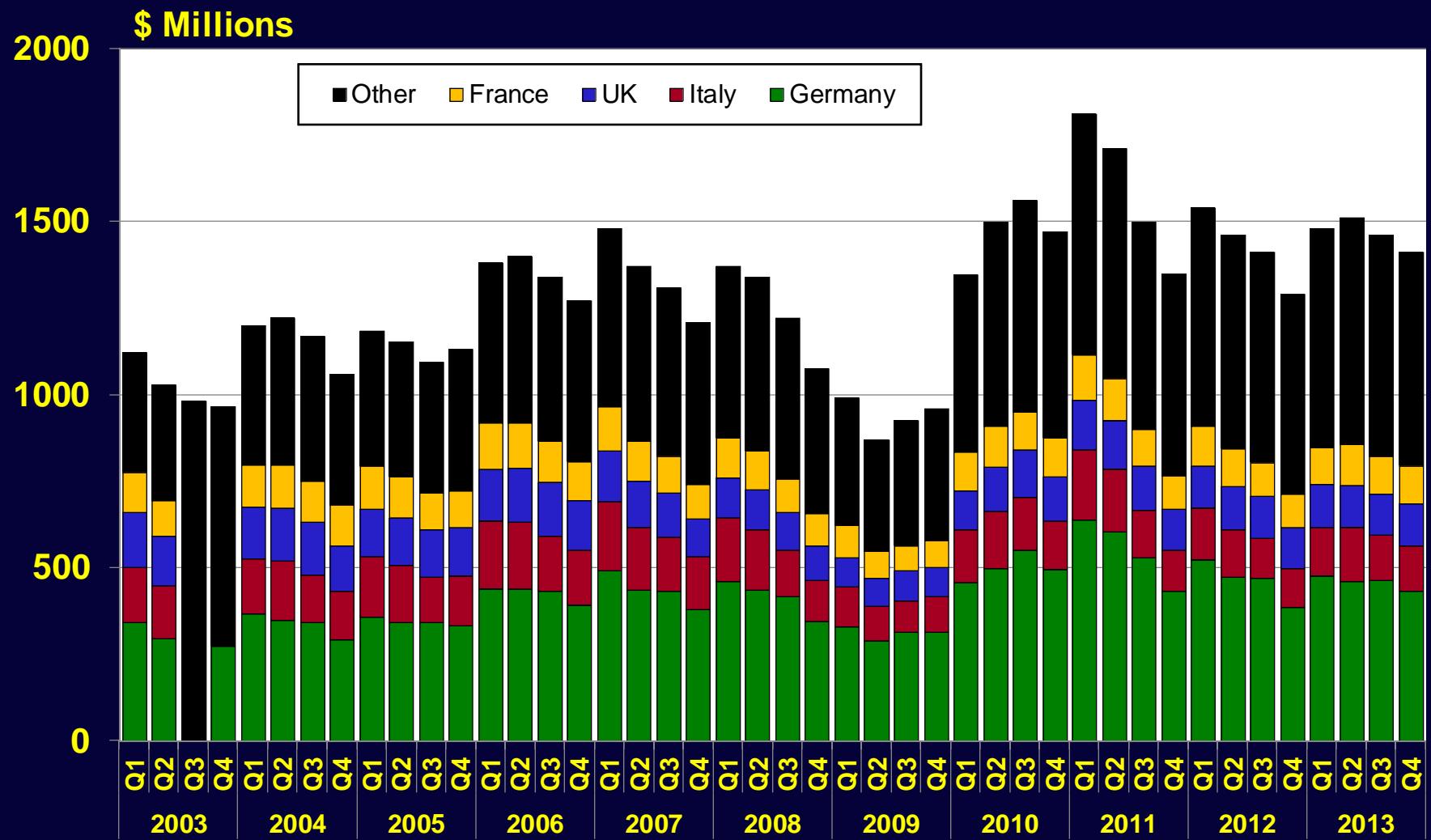


Chart 16

# DMASS

## European Semiconductor Distribution Industry

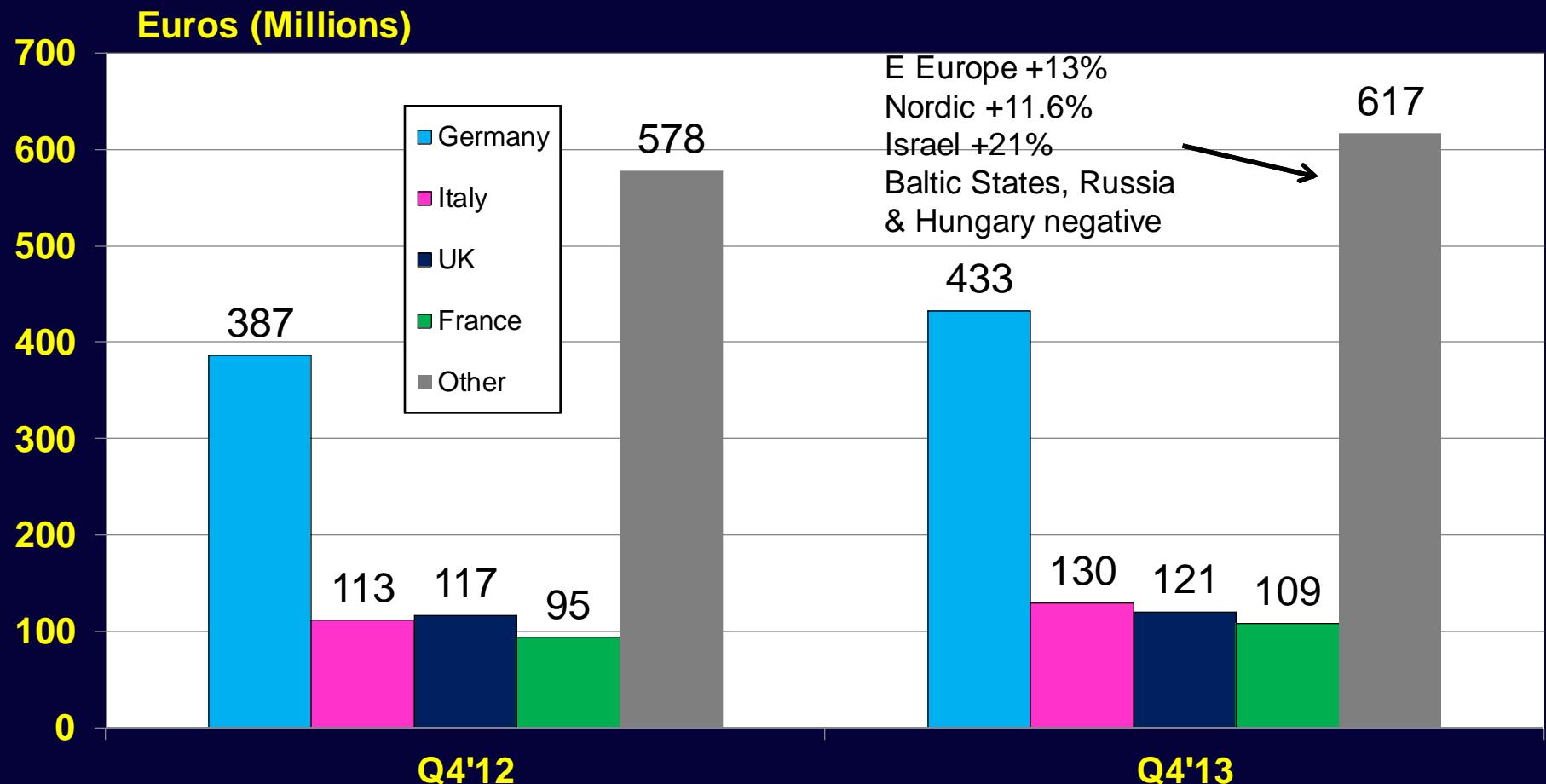
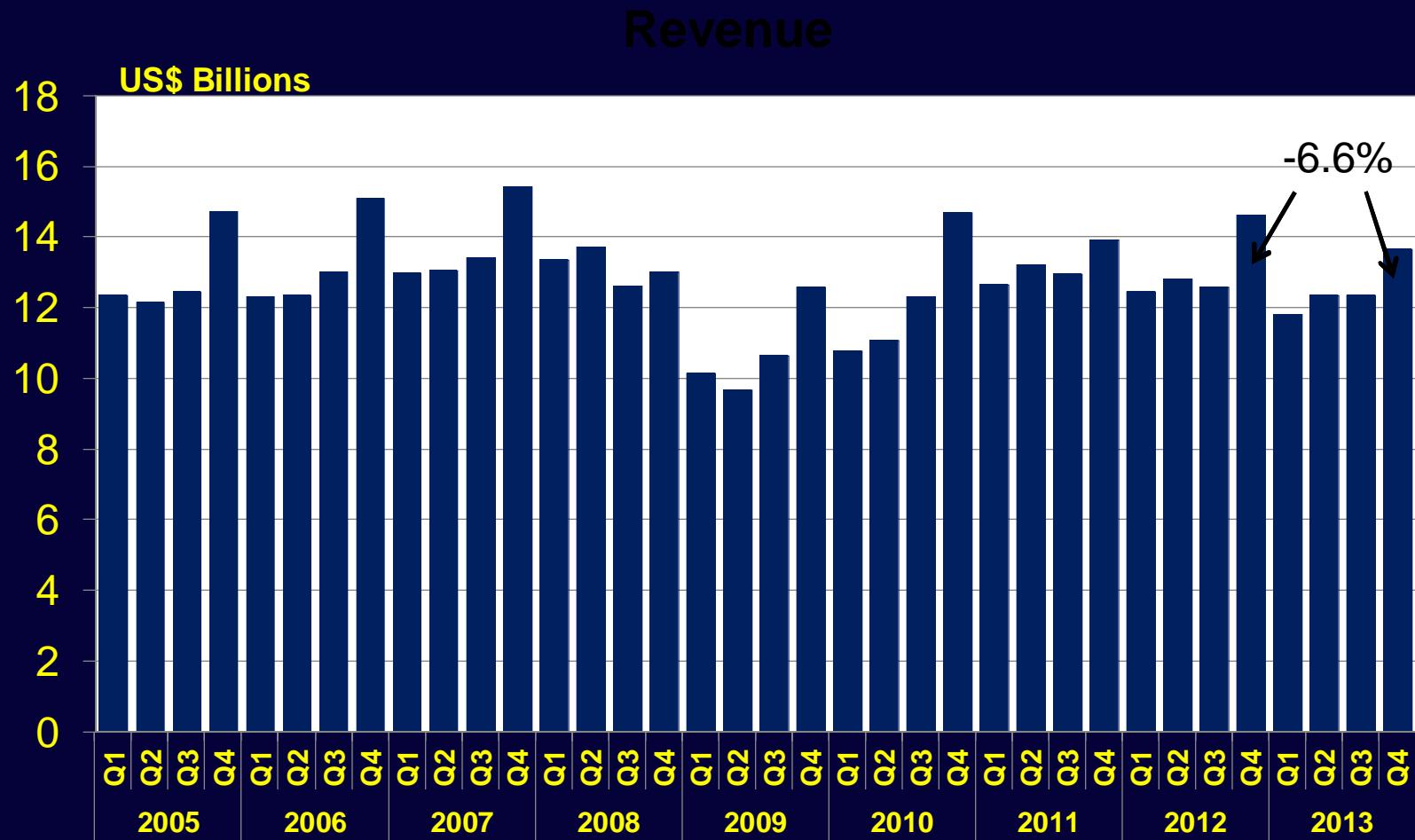


Chart 17

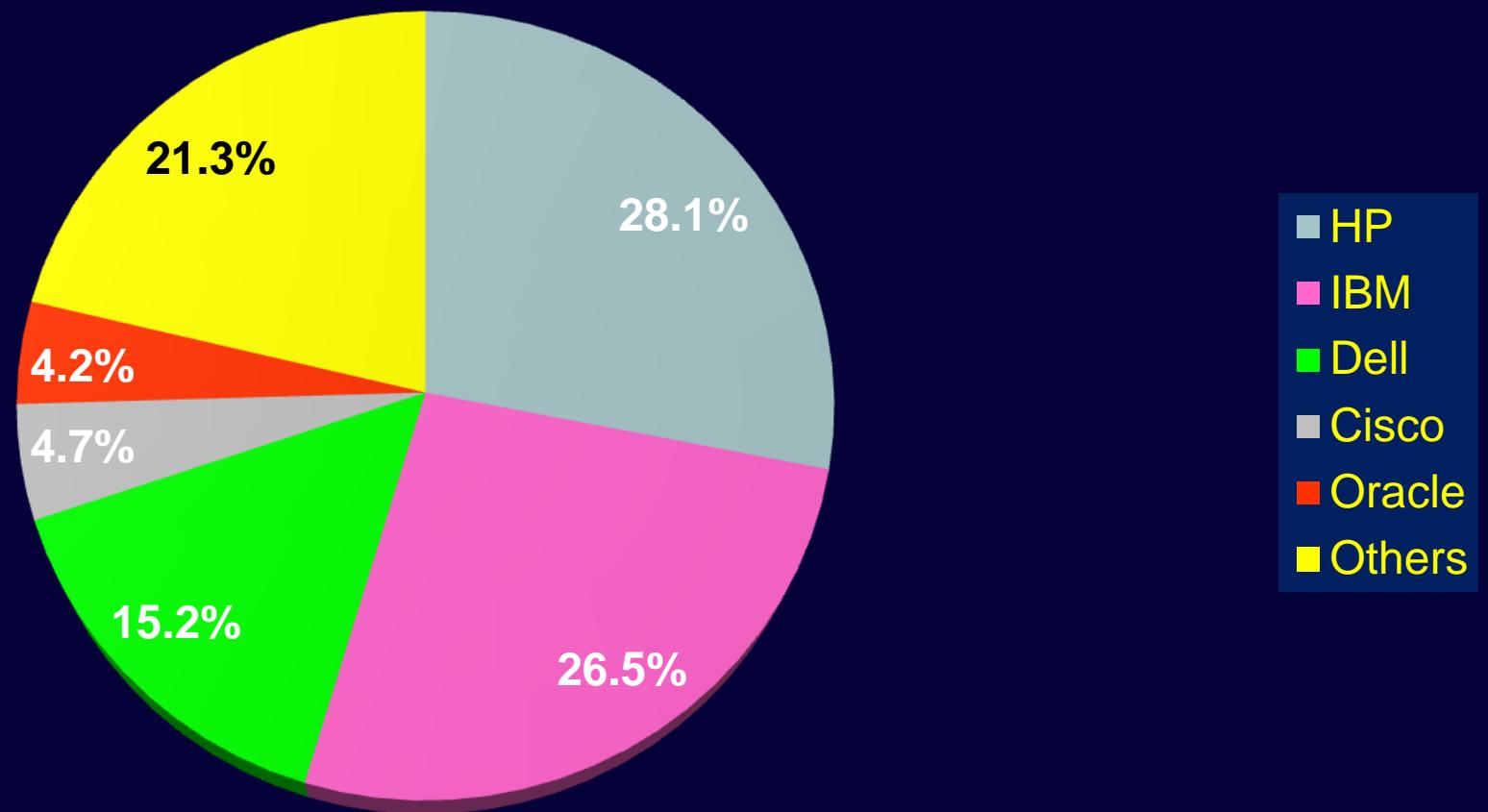
# World Server Shipment Revenue



Gartner Dataquest 2/14 & prior reports

# World Server Shipments 4Q'13

Chart 18

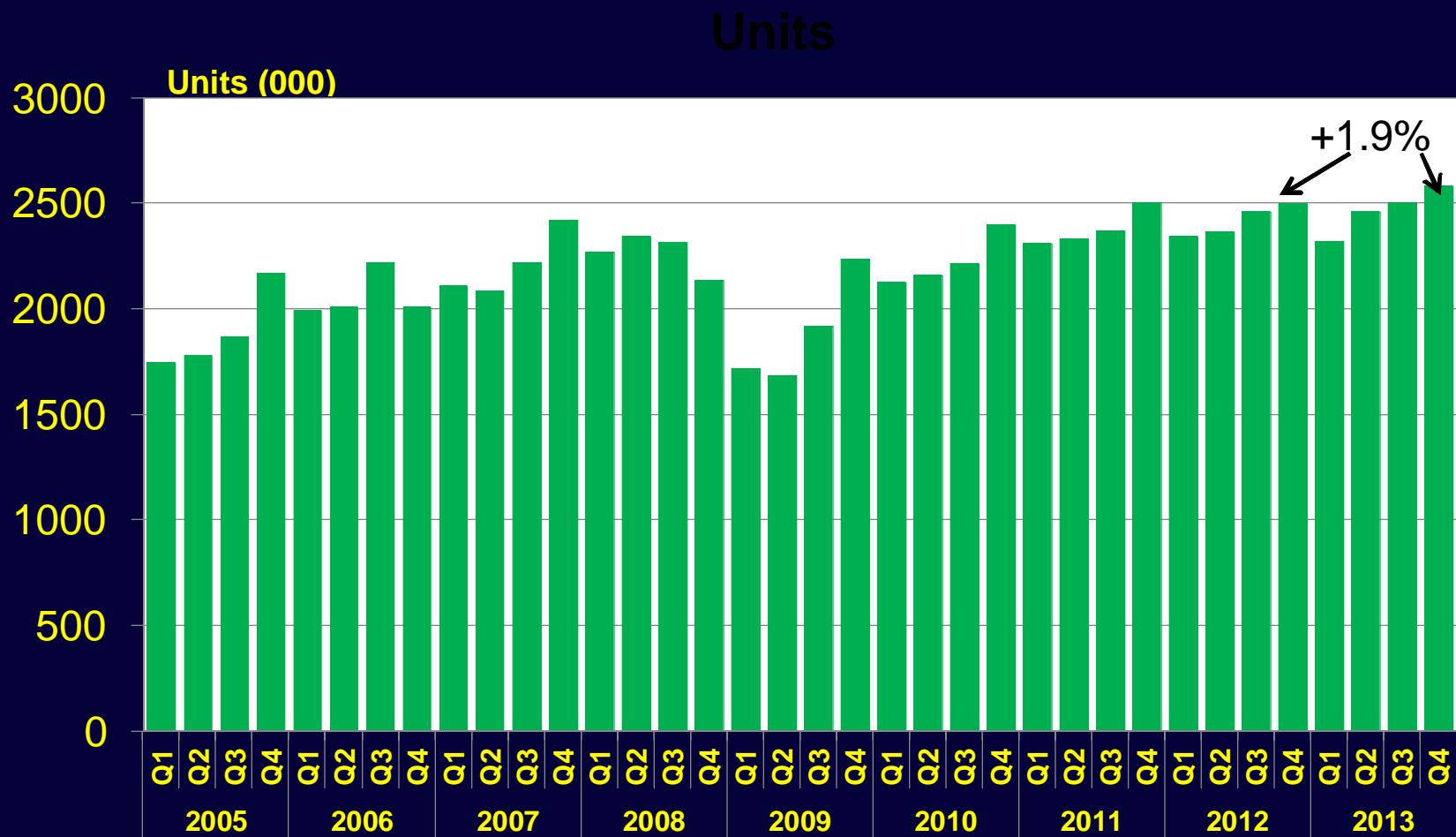


**TOTAL: \$13.7 Billion**

Gartner Dataquest 2/2014

Chart 19

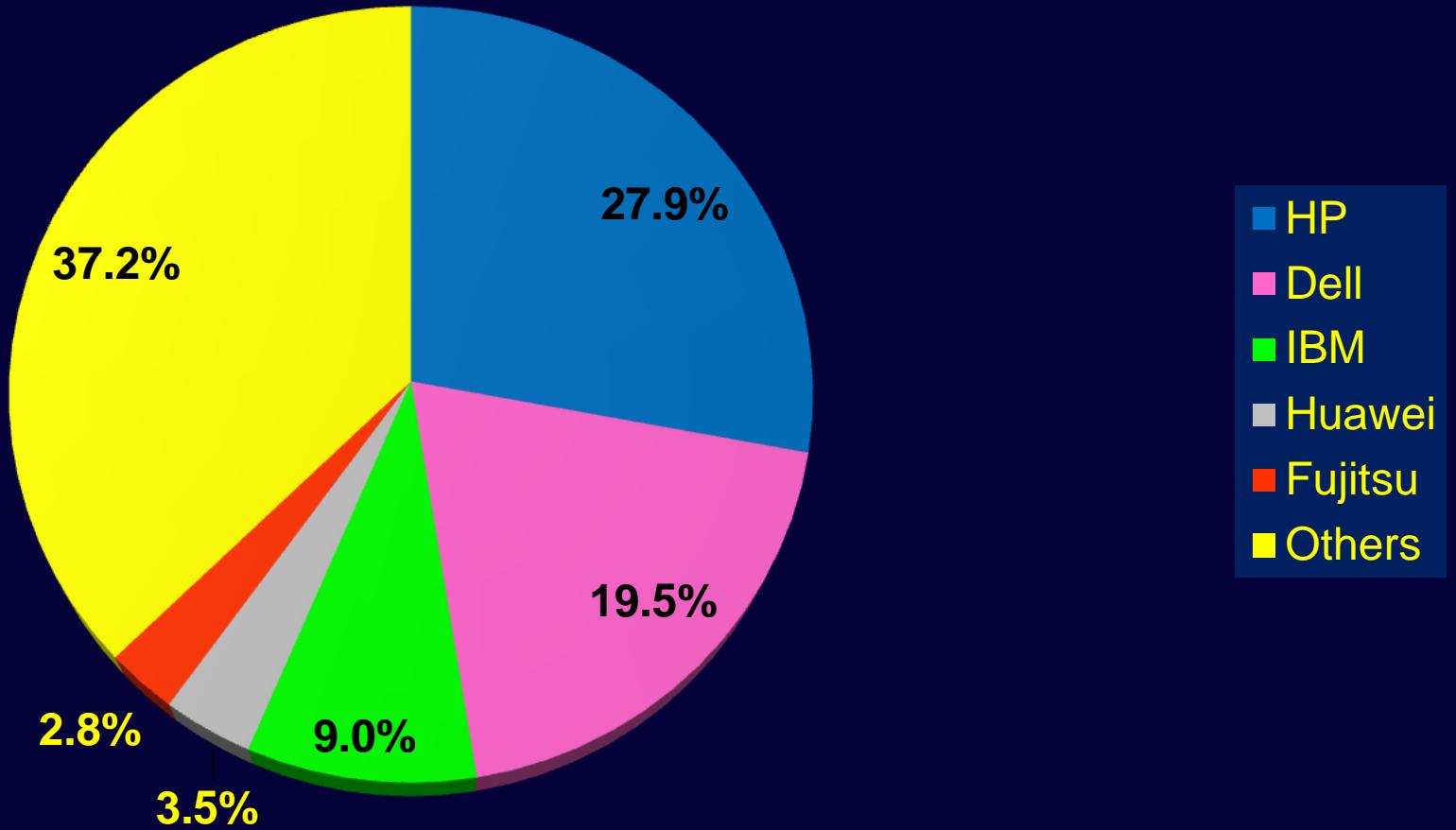
# World Server Shipment Units



Gartner Dataquest 2/14 & prior reports

# World Server Shipments 4Q'13

Chart 20



**TOTAL: 2.58 Million Units**

Chart 21

# Smartphone Shipments by Region

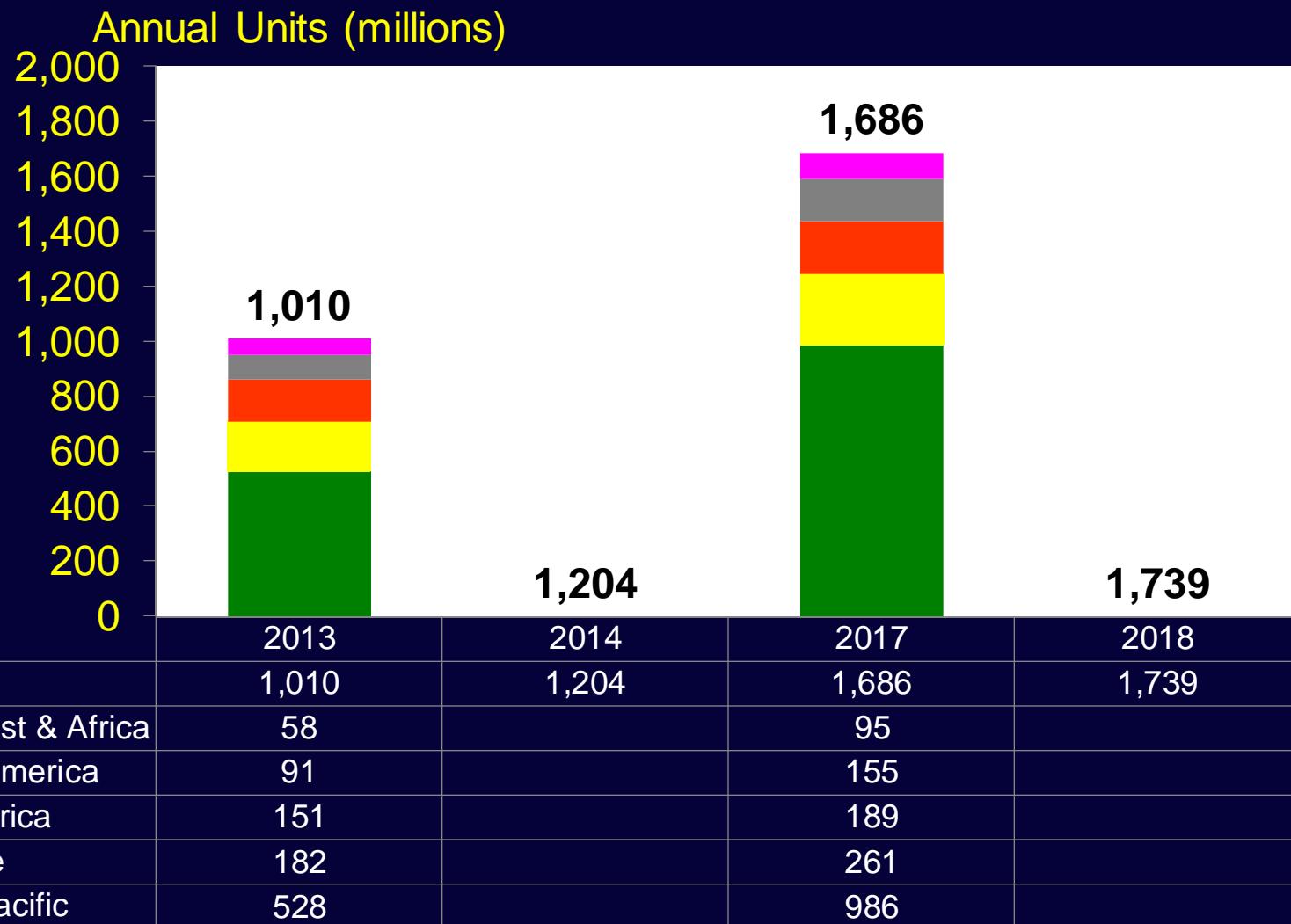


Chart 22

# Smartphone Average Selling Price by Geography

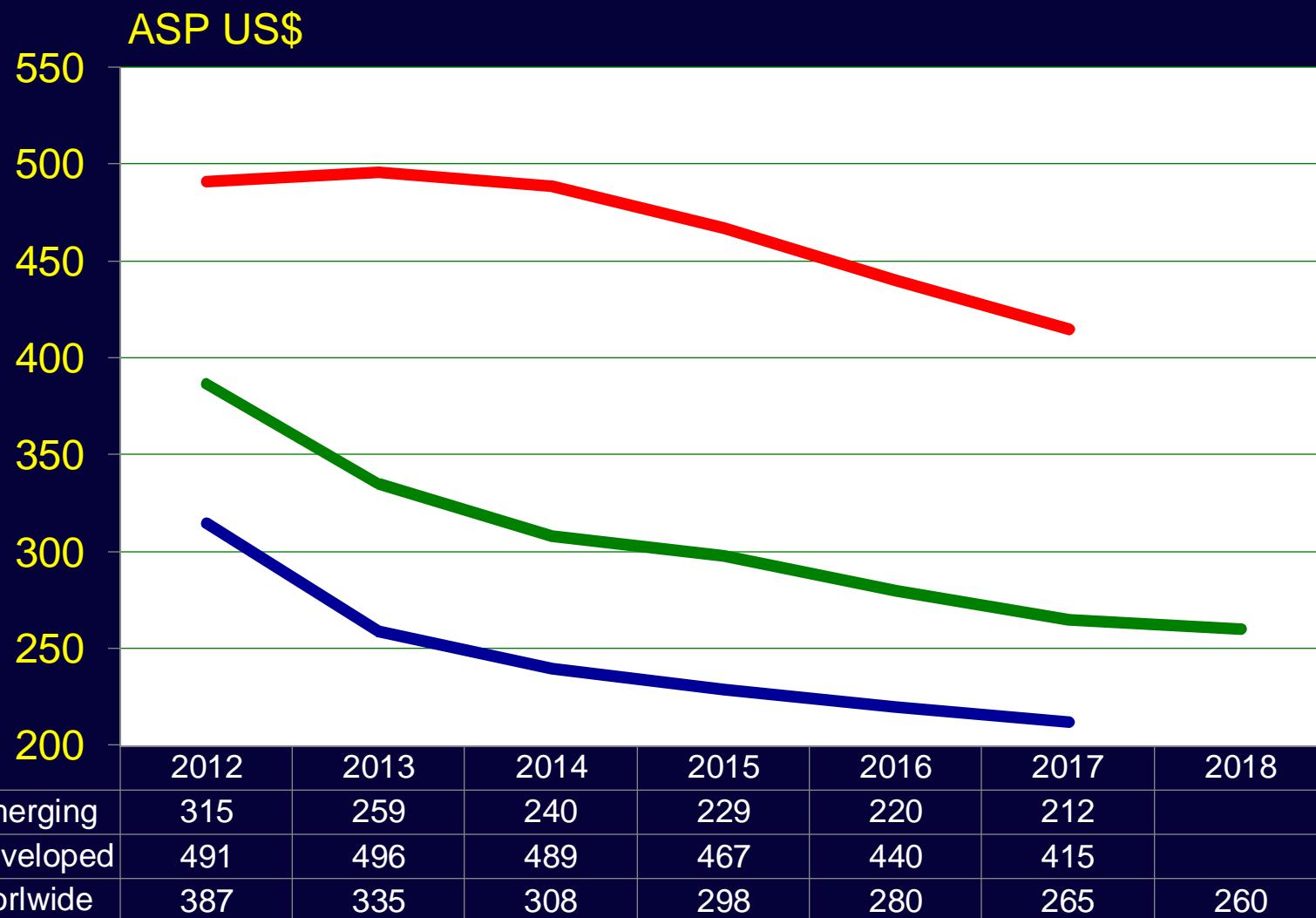
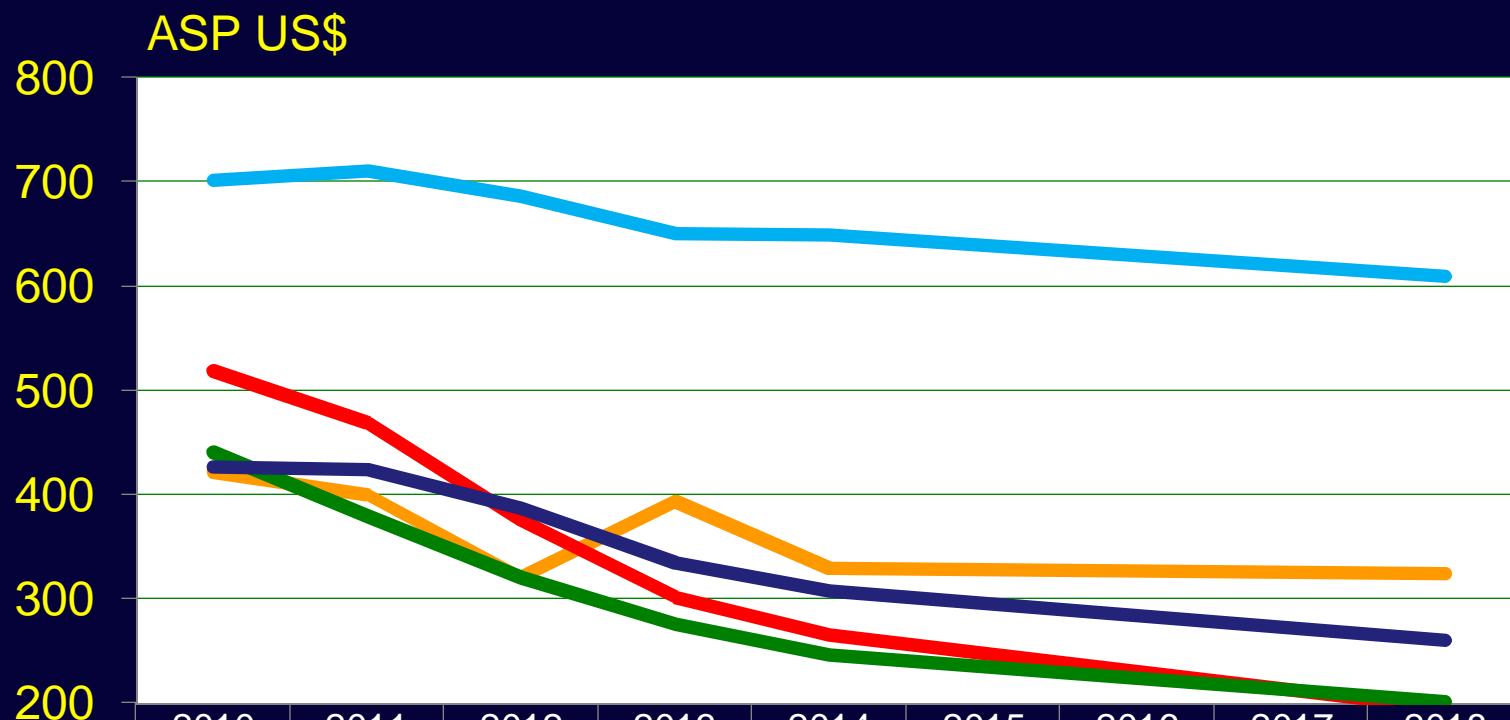


Chart 23

# Smartphone Average Selling Price by Operating System



	2010	2011	2012	2013	2014	2015	2016	2017	2018
Blackberry	421	400	320	393	329				324
Windows	519	469	375	301	265				195
Android	441	380	320	276	247				202
iOS	702	710	686	650	649				610
Others					154				173
World	427	424	387	335	308				260

# Chart 24 Copper, High Grade (HG, Comex)



Chart 25

# Gold, 100 oz (GC, Comex)

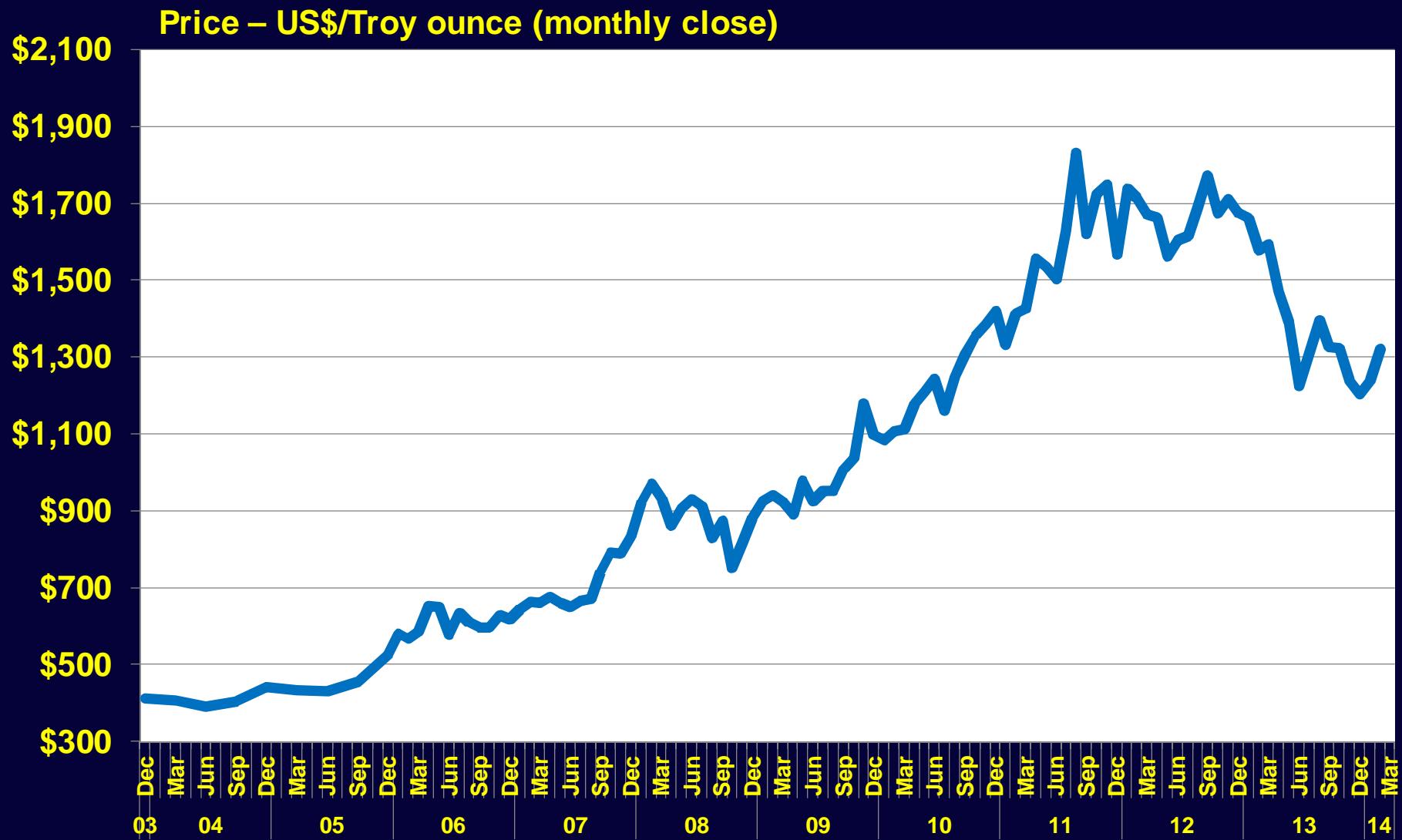


Chart 26

# Silver, 5000 oz (Si, Comex)



Chart 27

# Tin

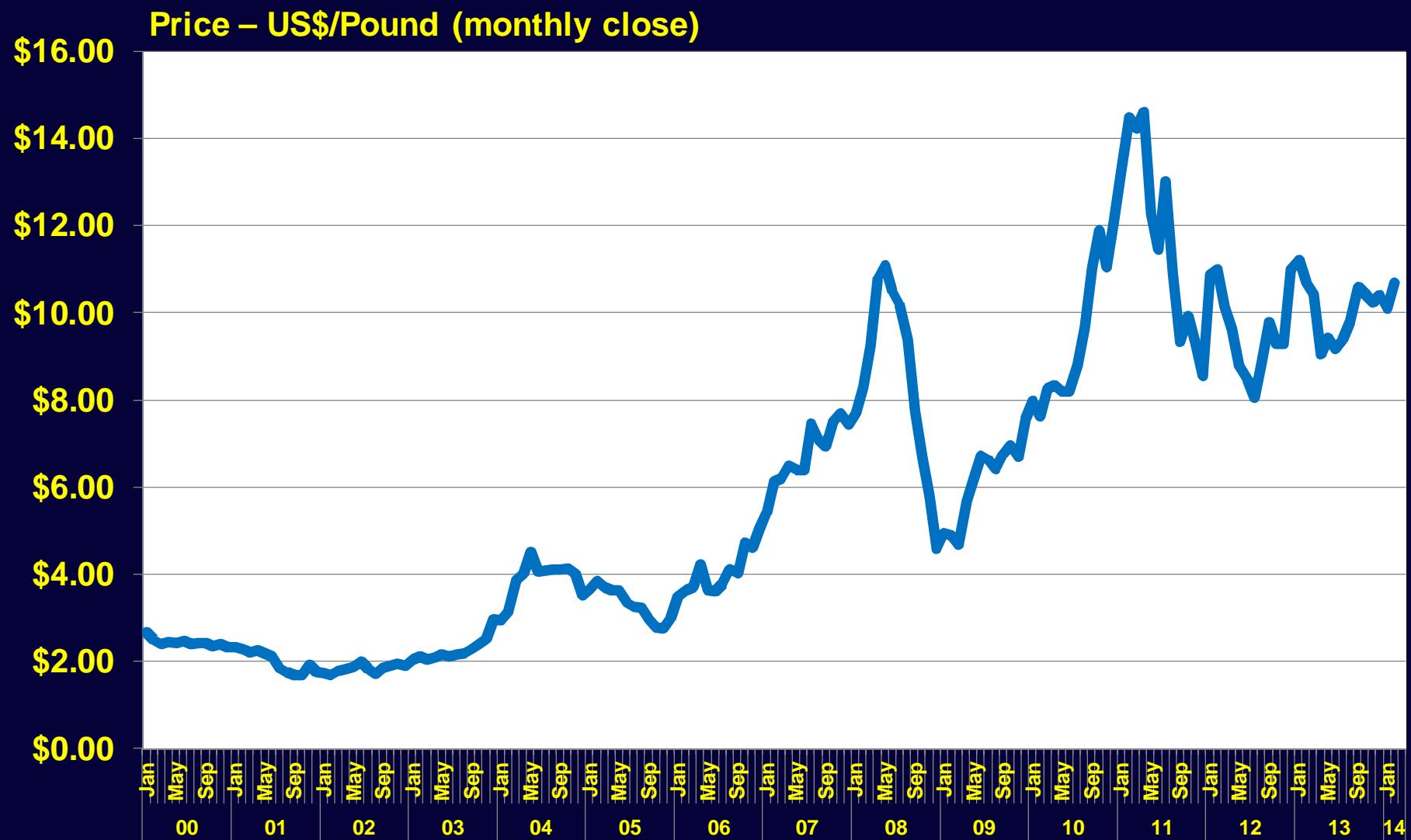


Chart 28

## Trade-Weighted Exchange Value of U.S. Dollar Broad Index (January 1997=100)

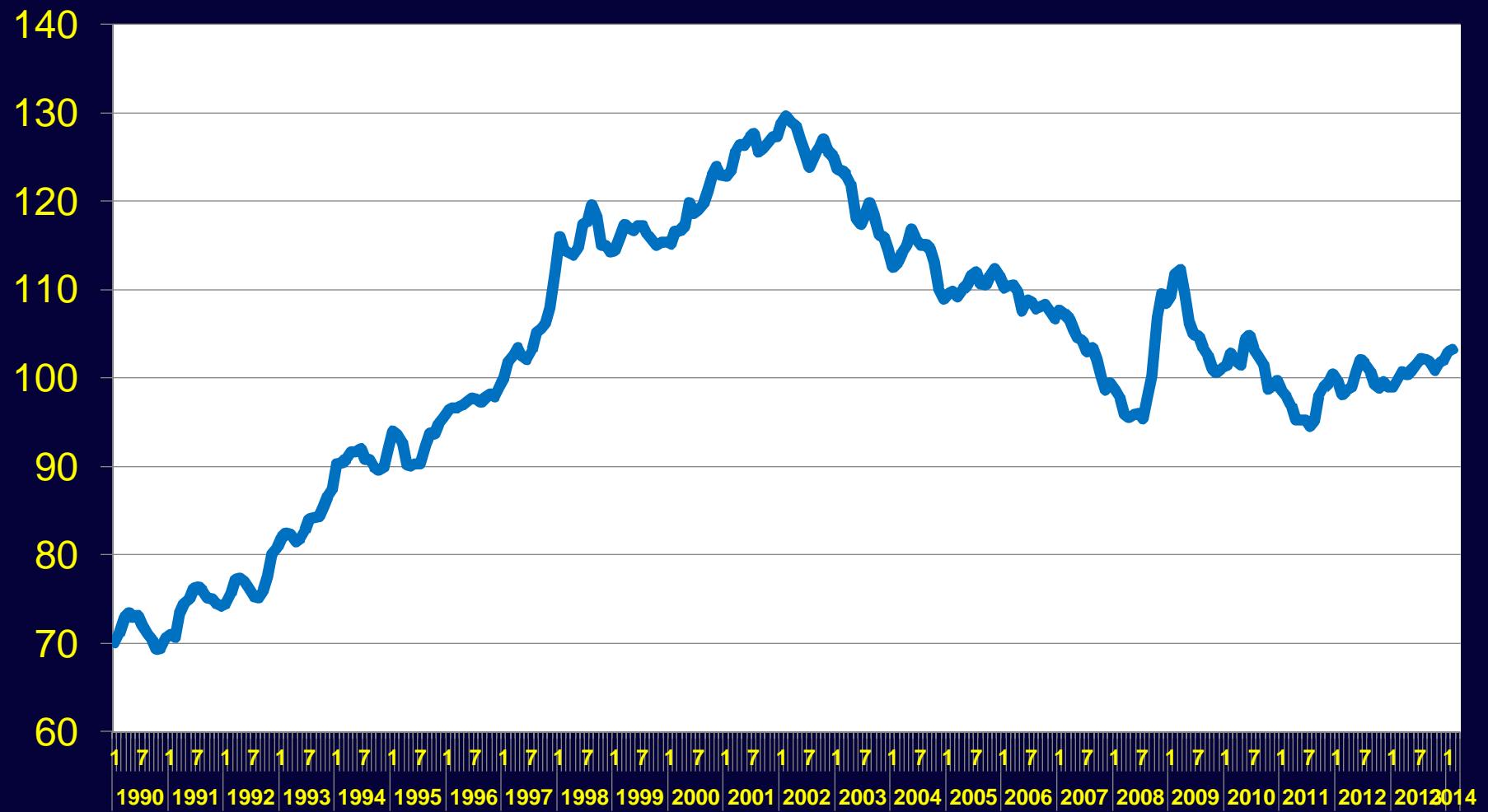
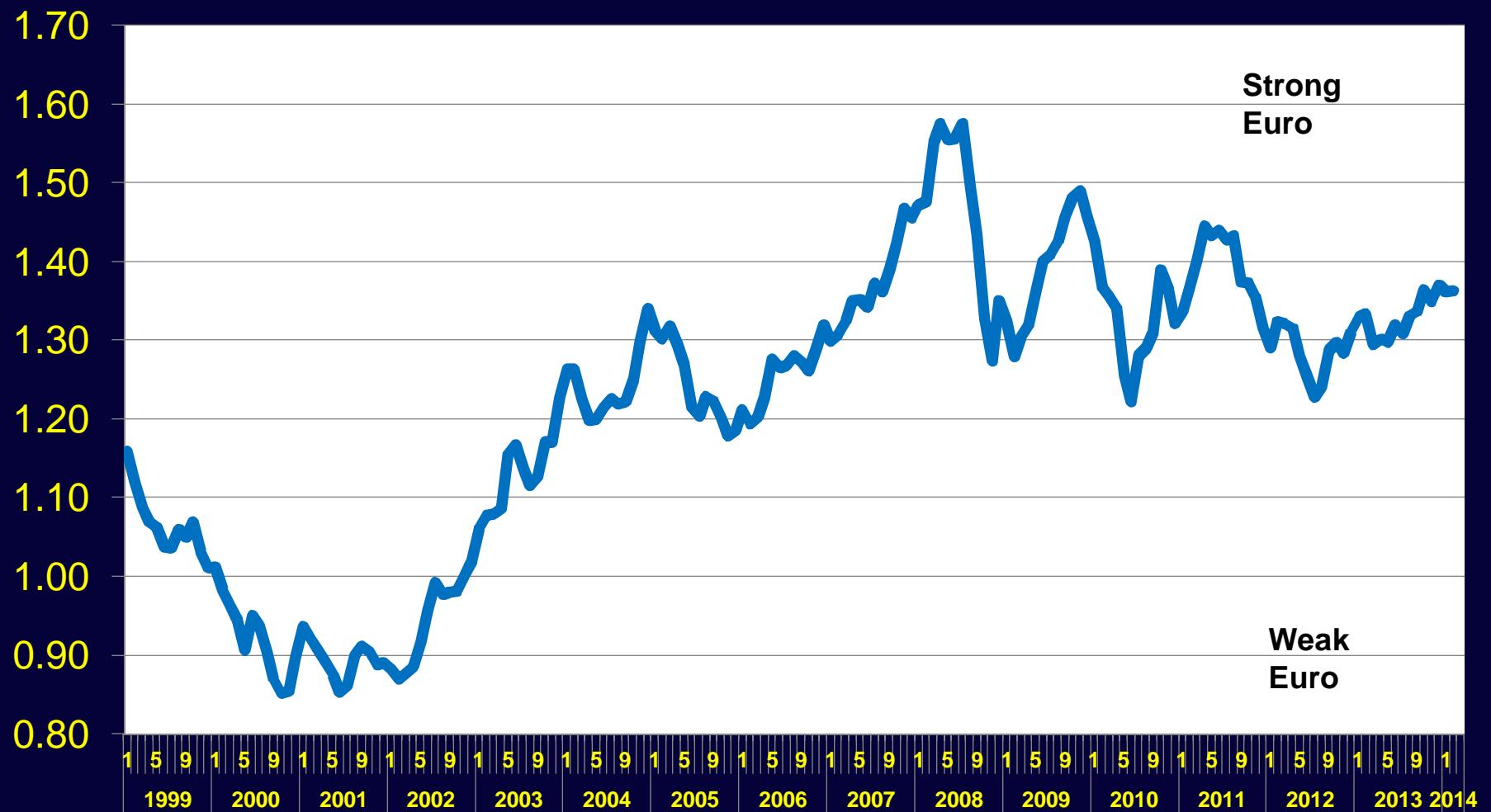


Chart 29

## Euro vs. U.S. Dollar

US\$/Euro



## Chart 30

# Canada \$ vs. U.S. \$

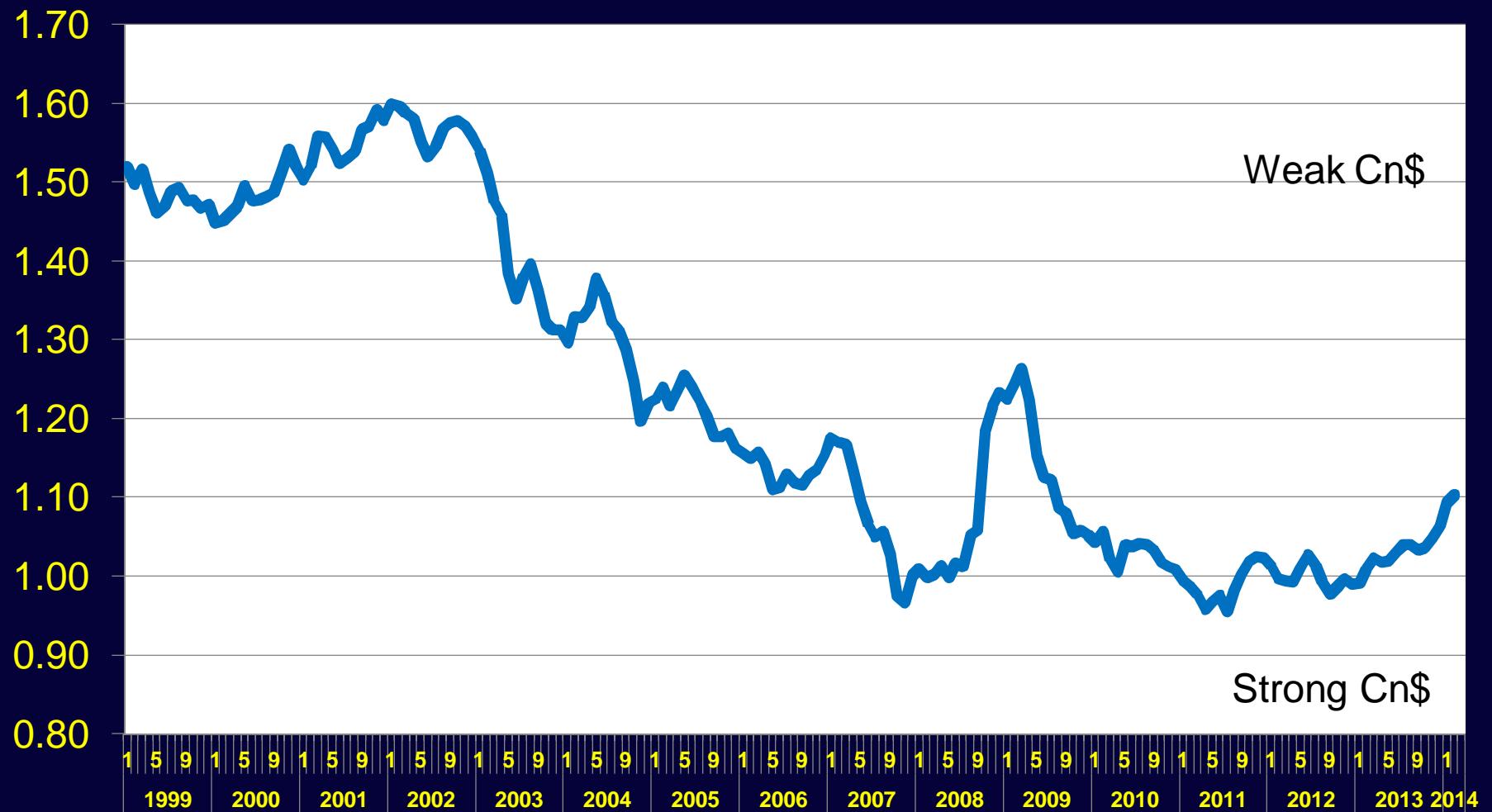


Chart 31

# Japanese Yen vs. U.S. Dollar

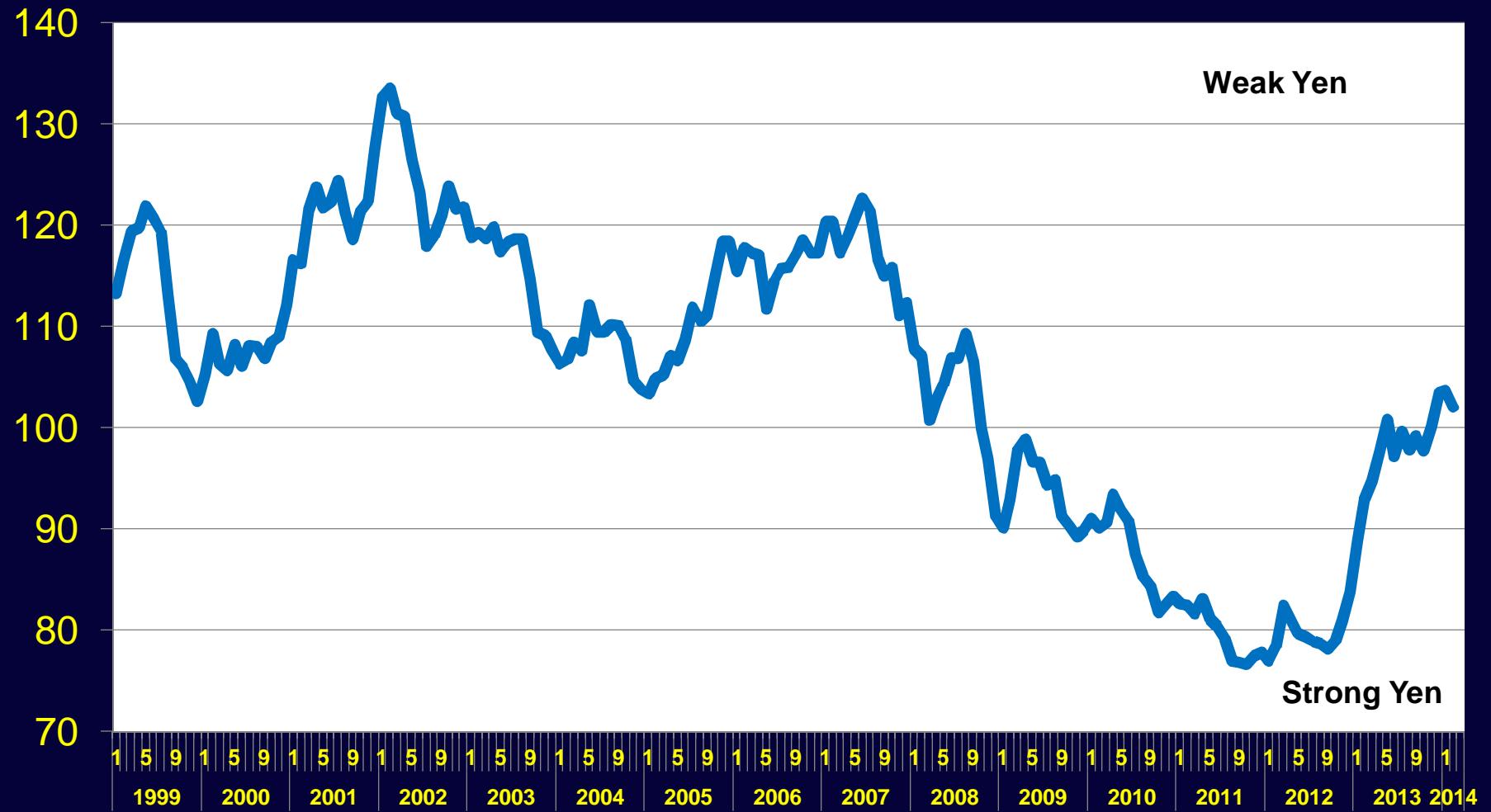


Chart 32

## China Yuan vs. U.S. Dollar

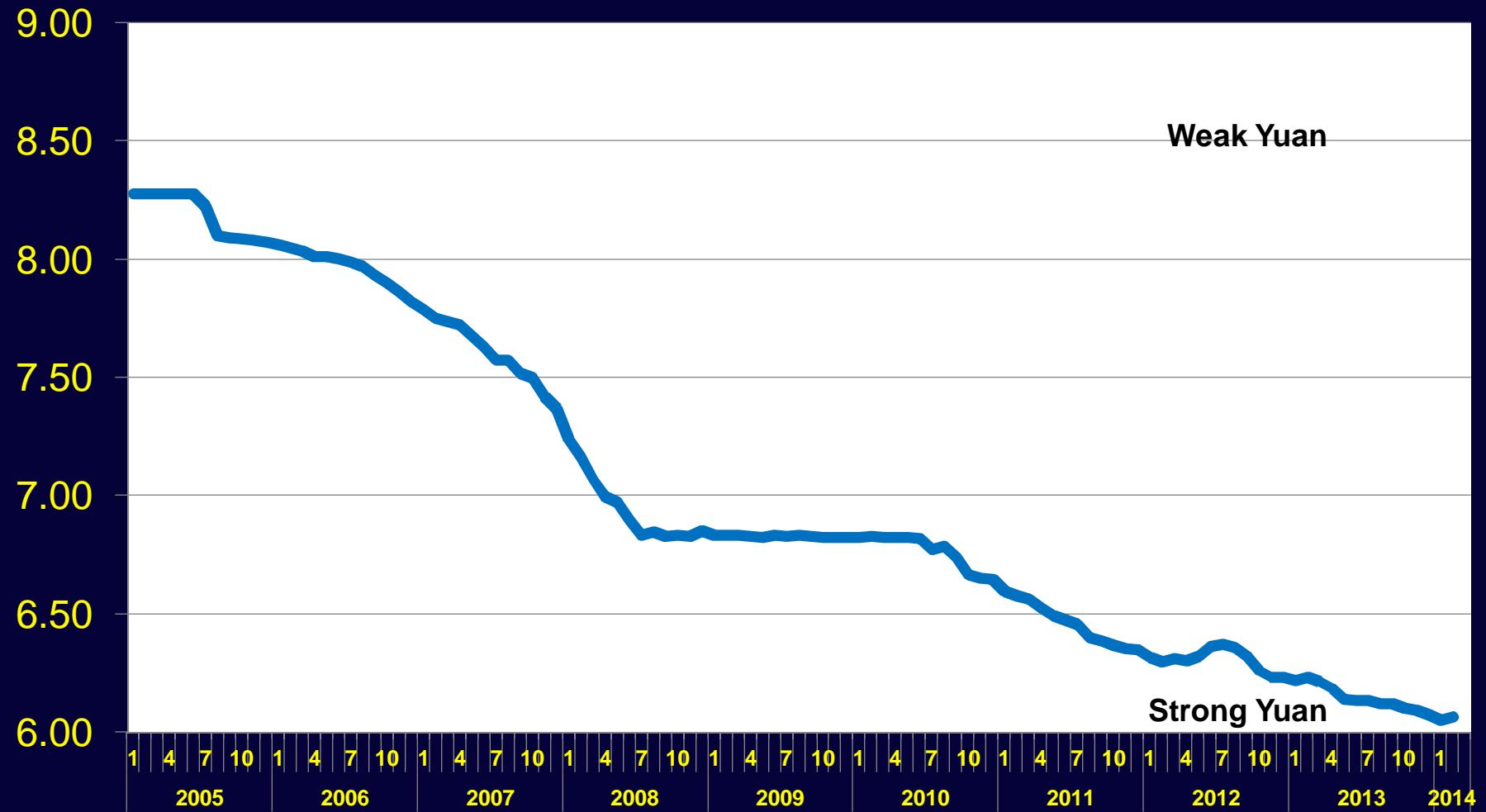


Chart 33

## Taiwan vs. U.S. Dollar

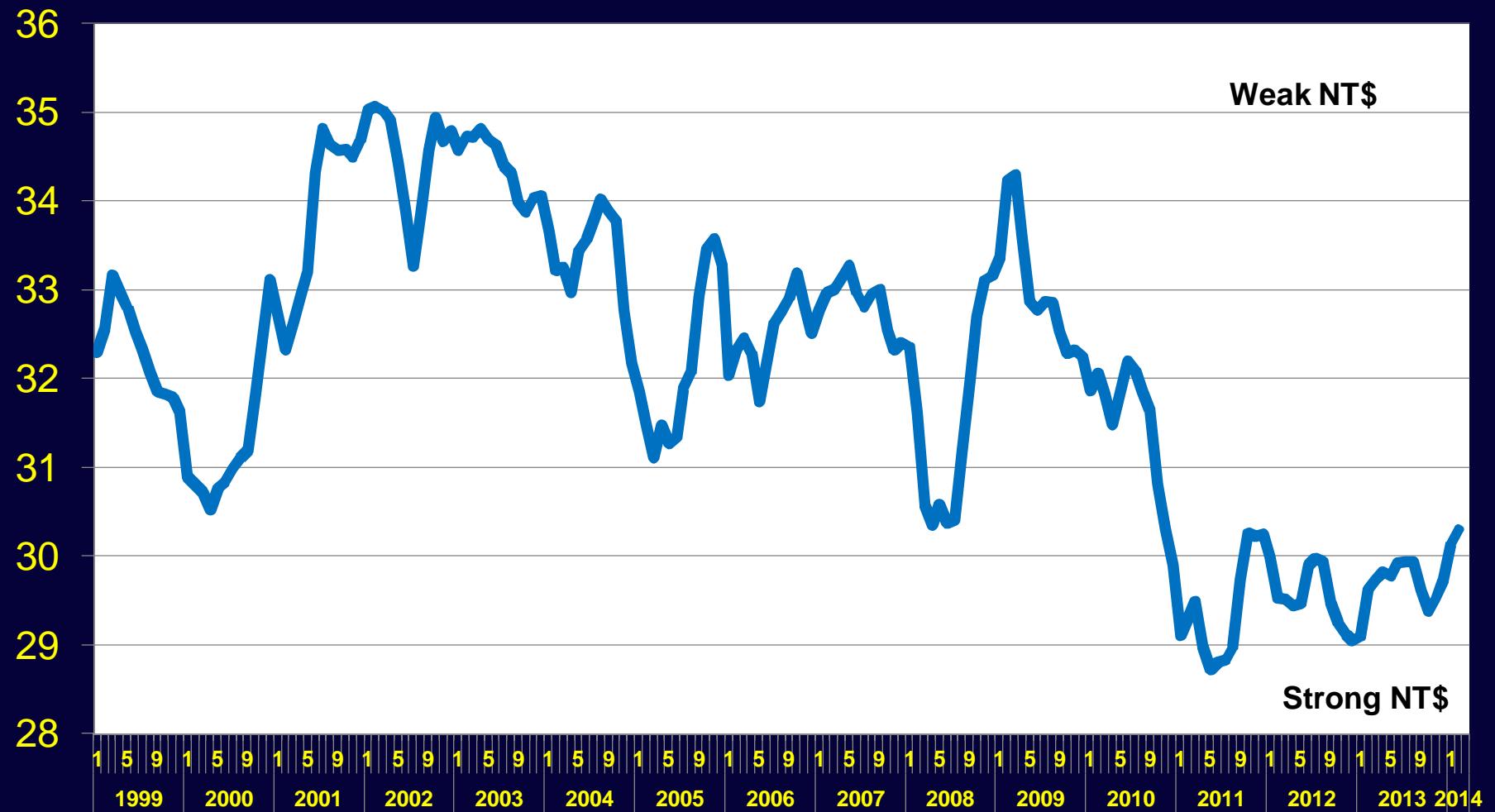


Chart 34

## S. Korean Won vs. U.S. Dollar

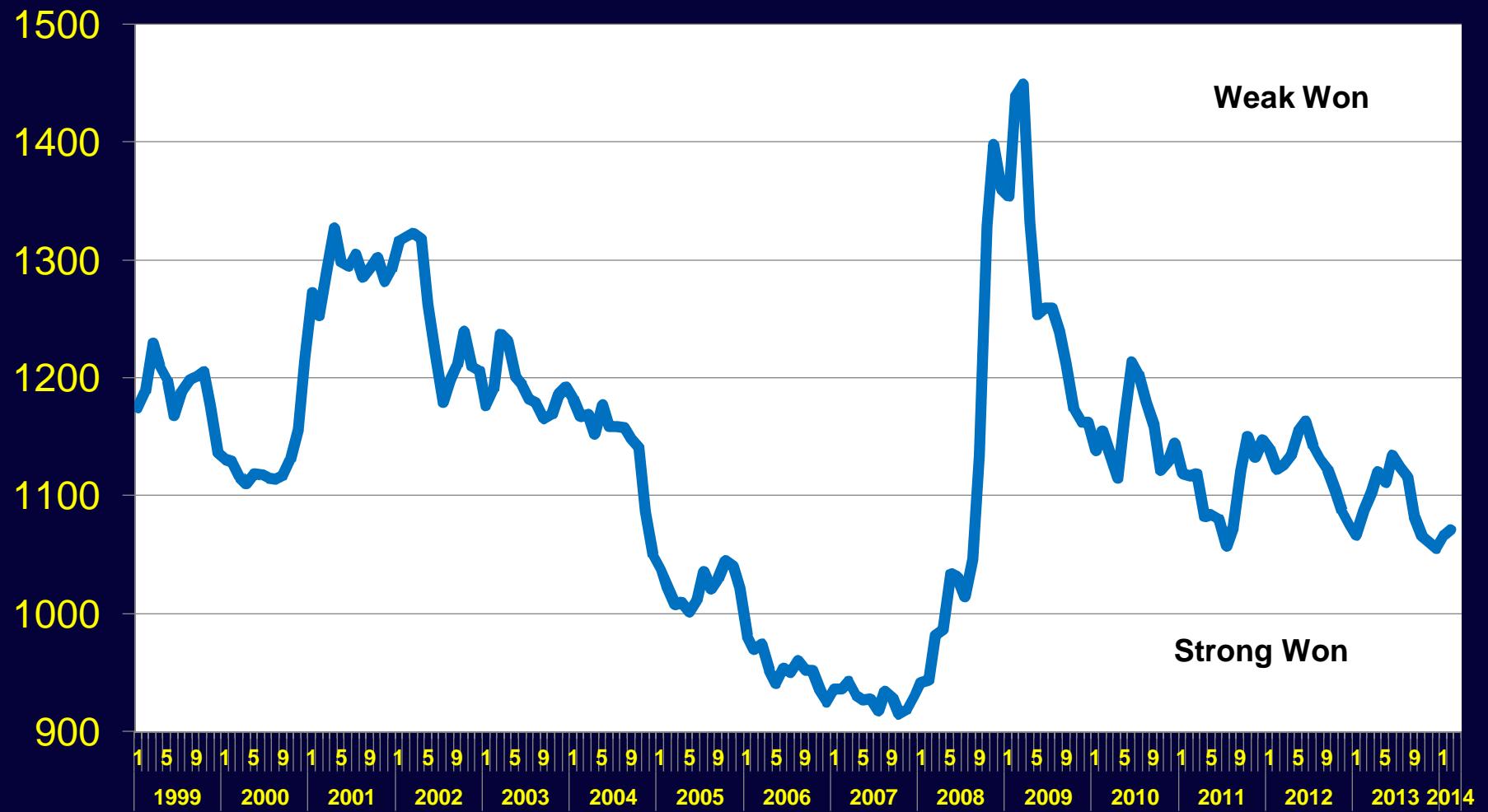


Chart 35

# Indian Rupee vs. U.S. Dollar

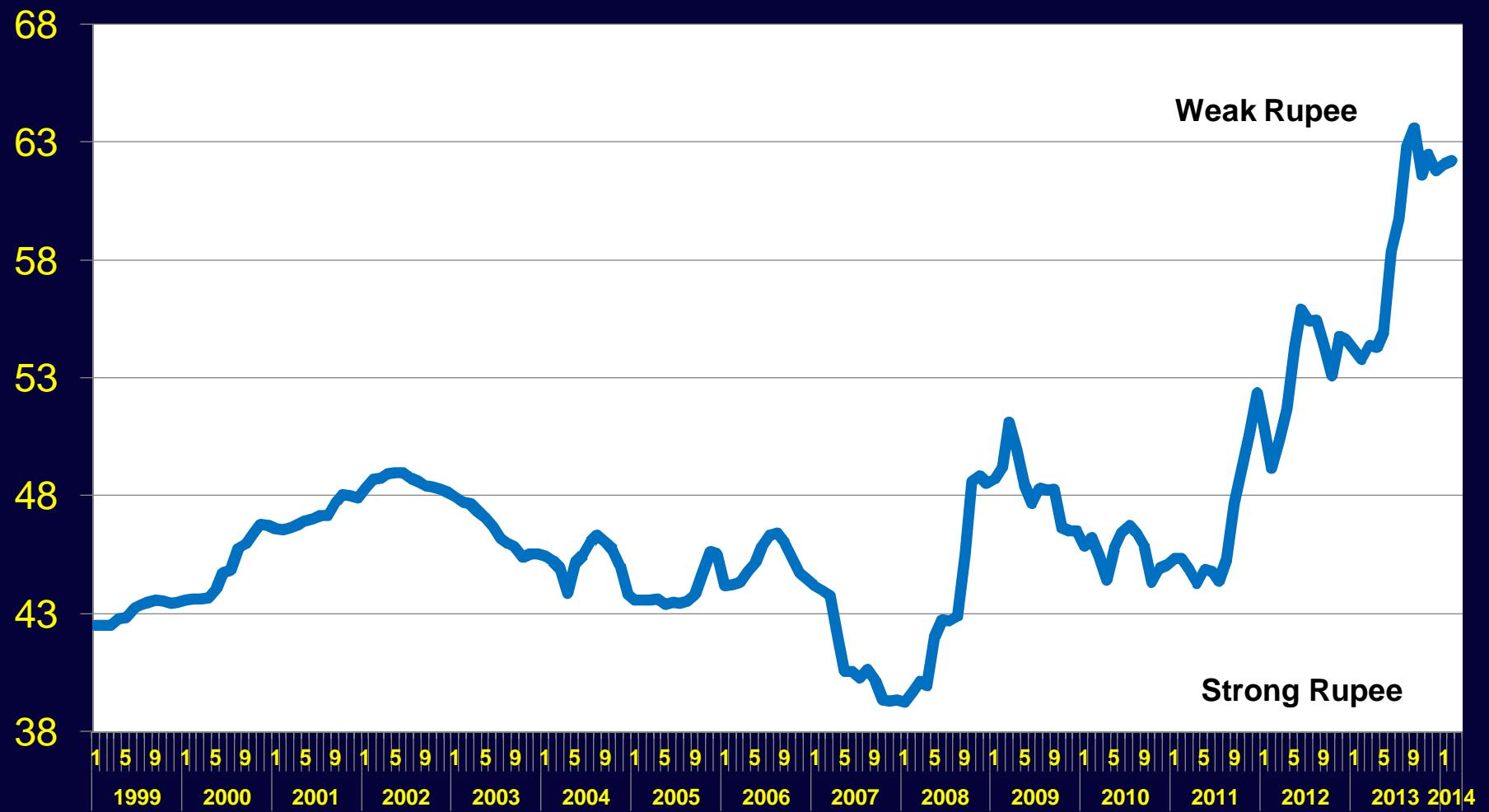


Chart 36

## Brazilian Real vs. U.S. Dollar

