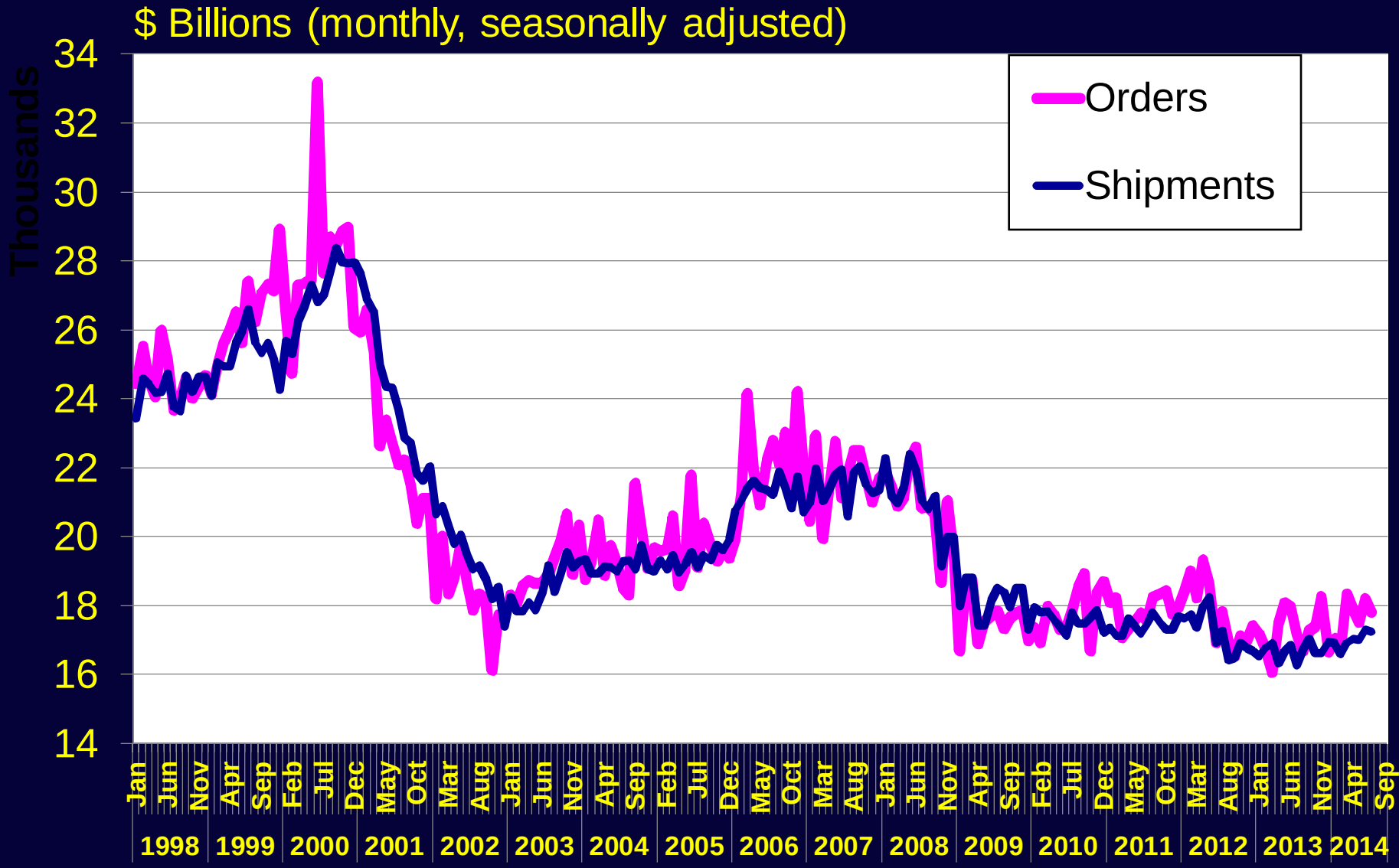
Chart 1

U.S. Electronic Equipment Orders & Shipments

Computer, Communications, Measurement & Control and Military

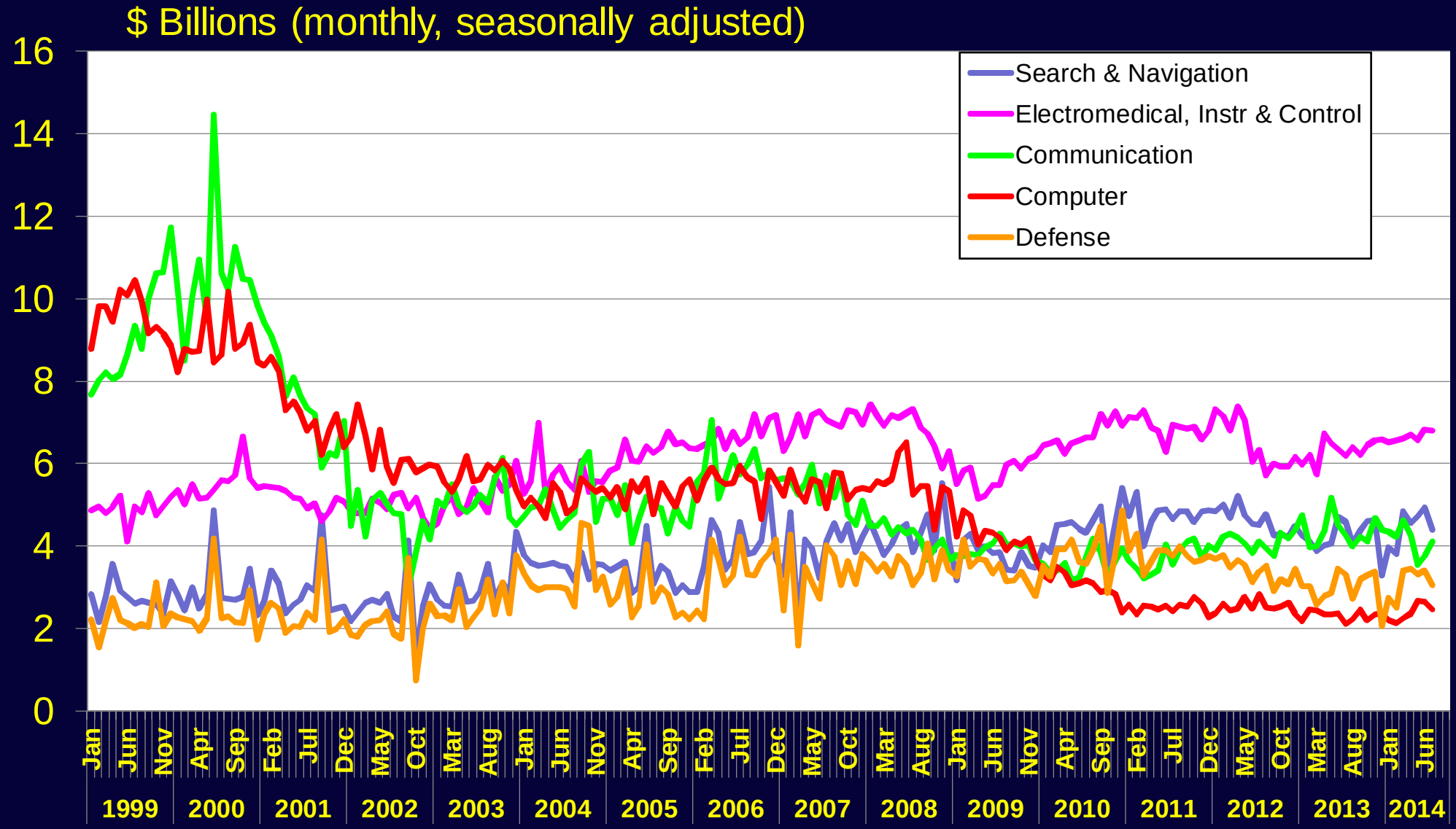


www.census.gov/indicator/www/m3/

Chart 2

U.S. Electronic Equipment Orders

Monthly Data

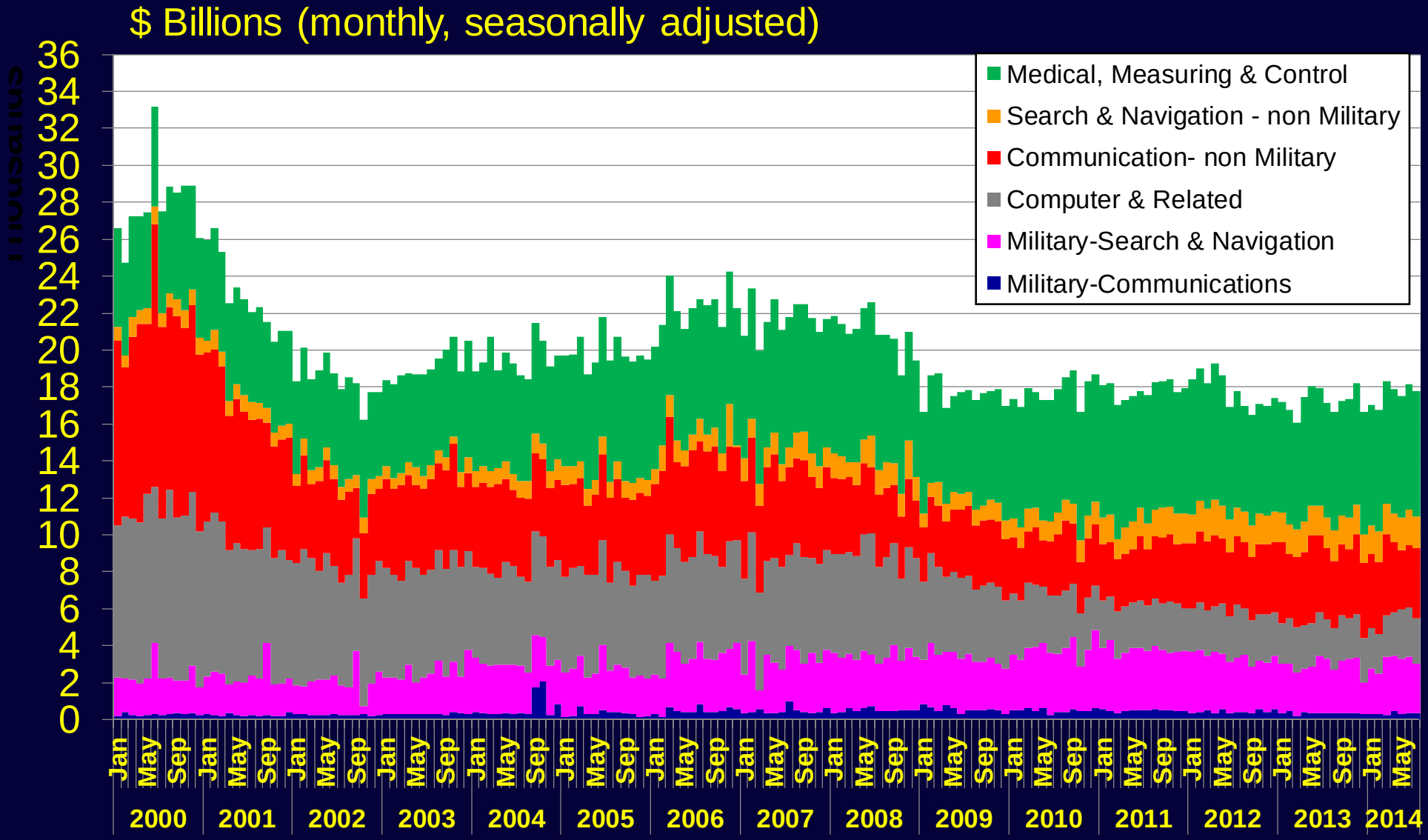


www.census.gov/indicator/www/m3/

Chart 3

U.S. Electronic Equipment Orders

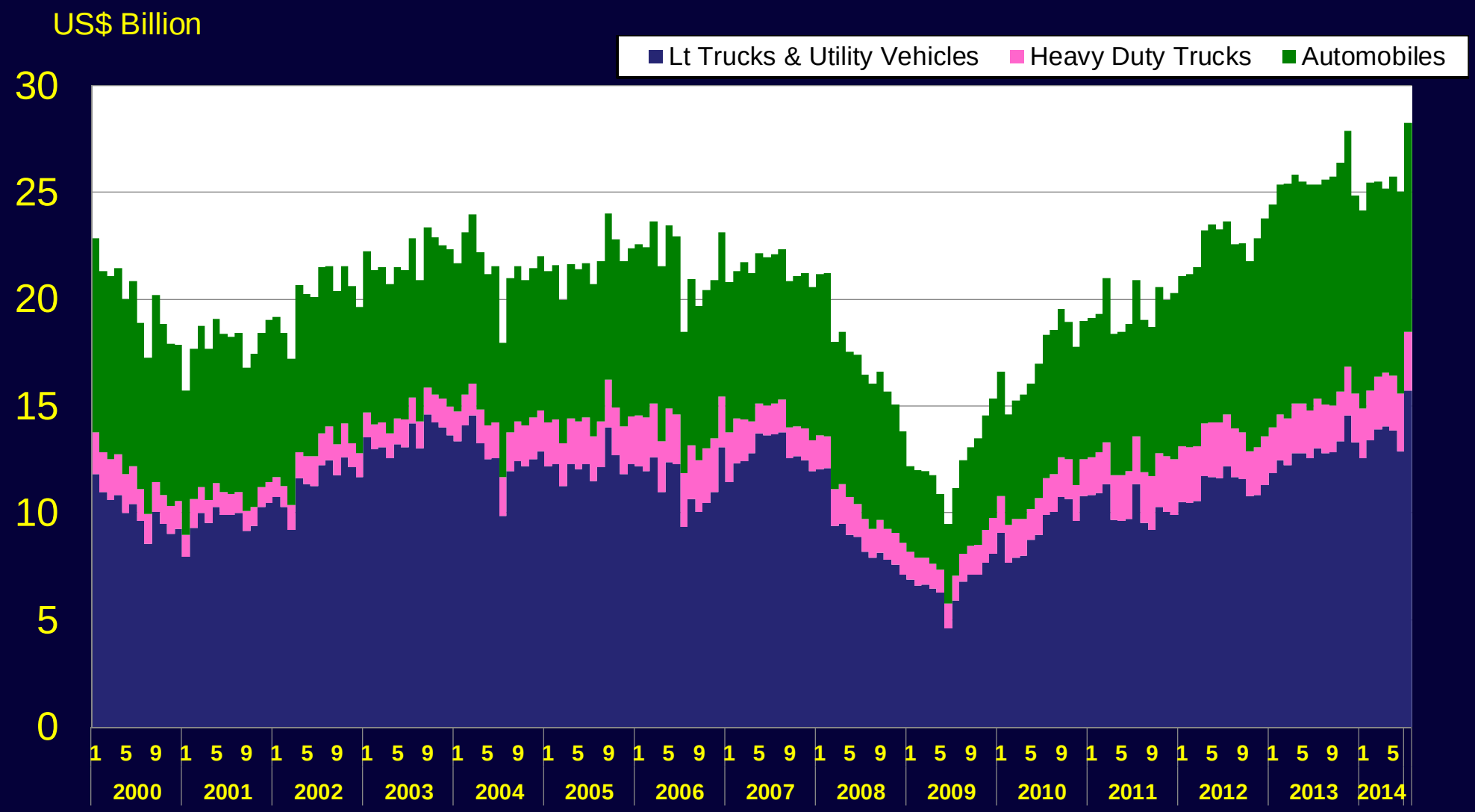
Monthly Data



www.census.gov/indicator/www/m3/

Chart 4

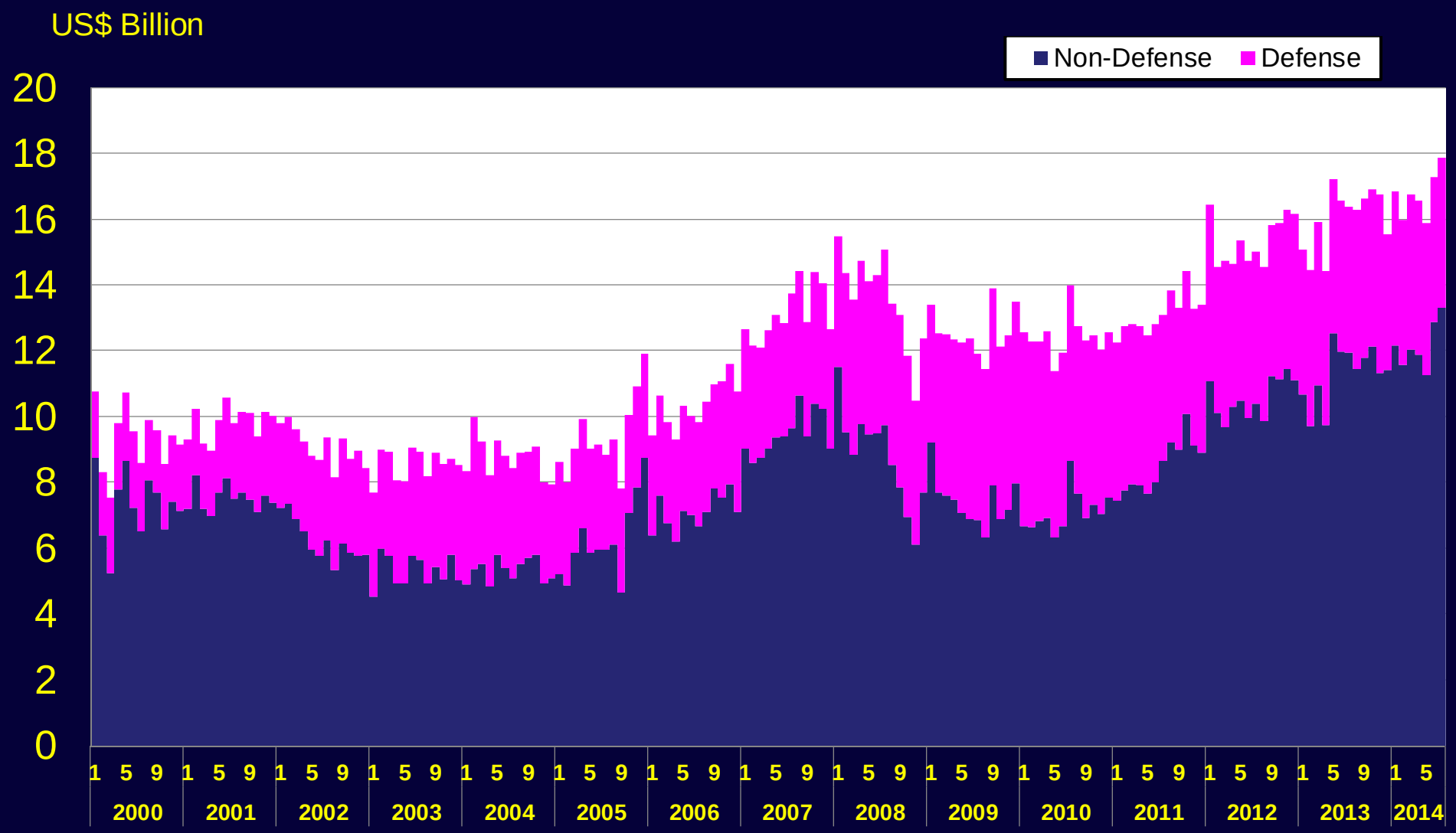
U.S. Vehicle Shipments



www.census.gov/indicator/www/m3

Chart 5

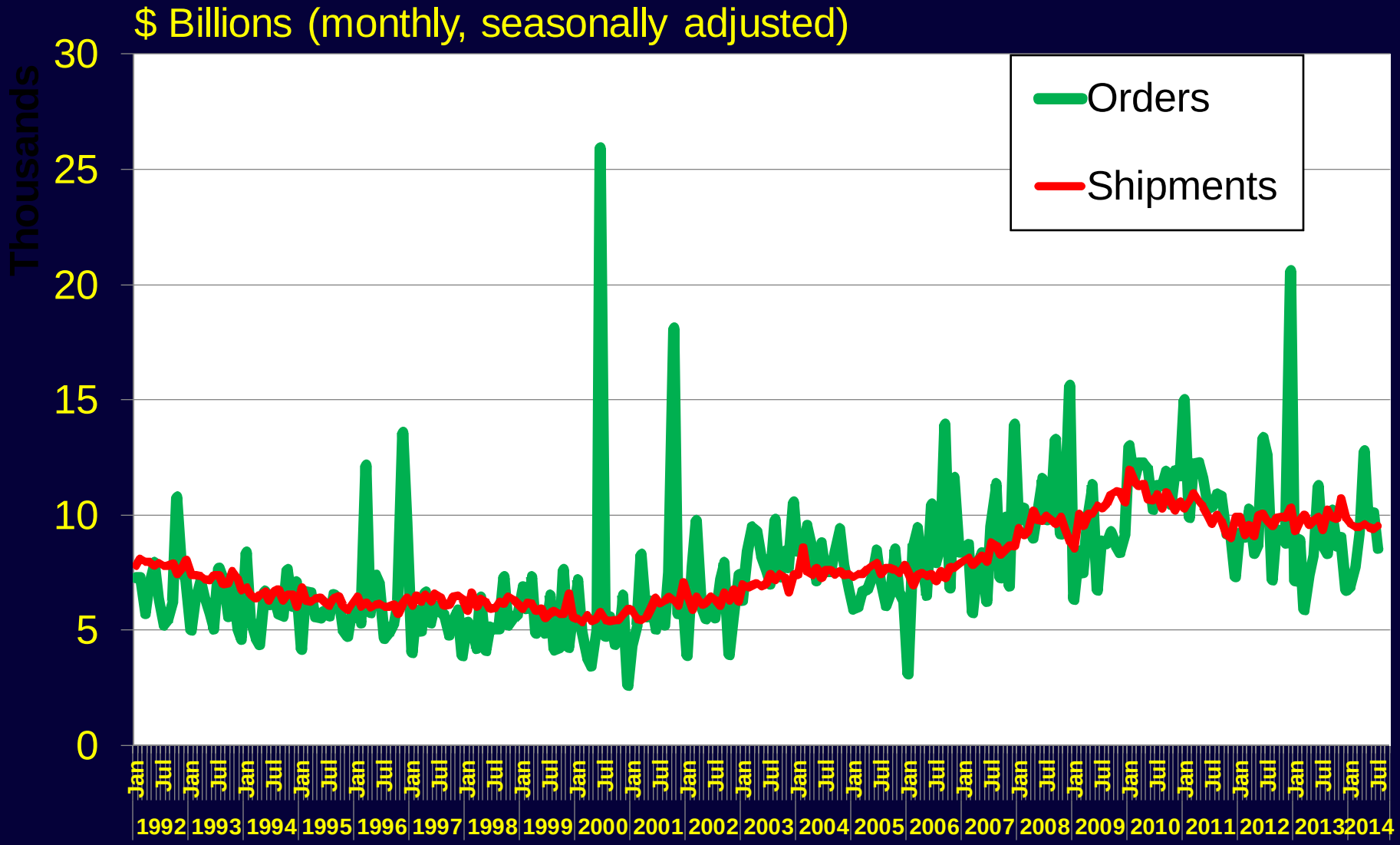
U.S. Aircraft & Parts Shipments



www.census.gov/indicator/www/m3

Chart 6

U.S. Defense Capital Goods Orders & Shipments

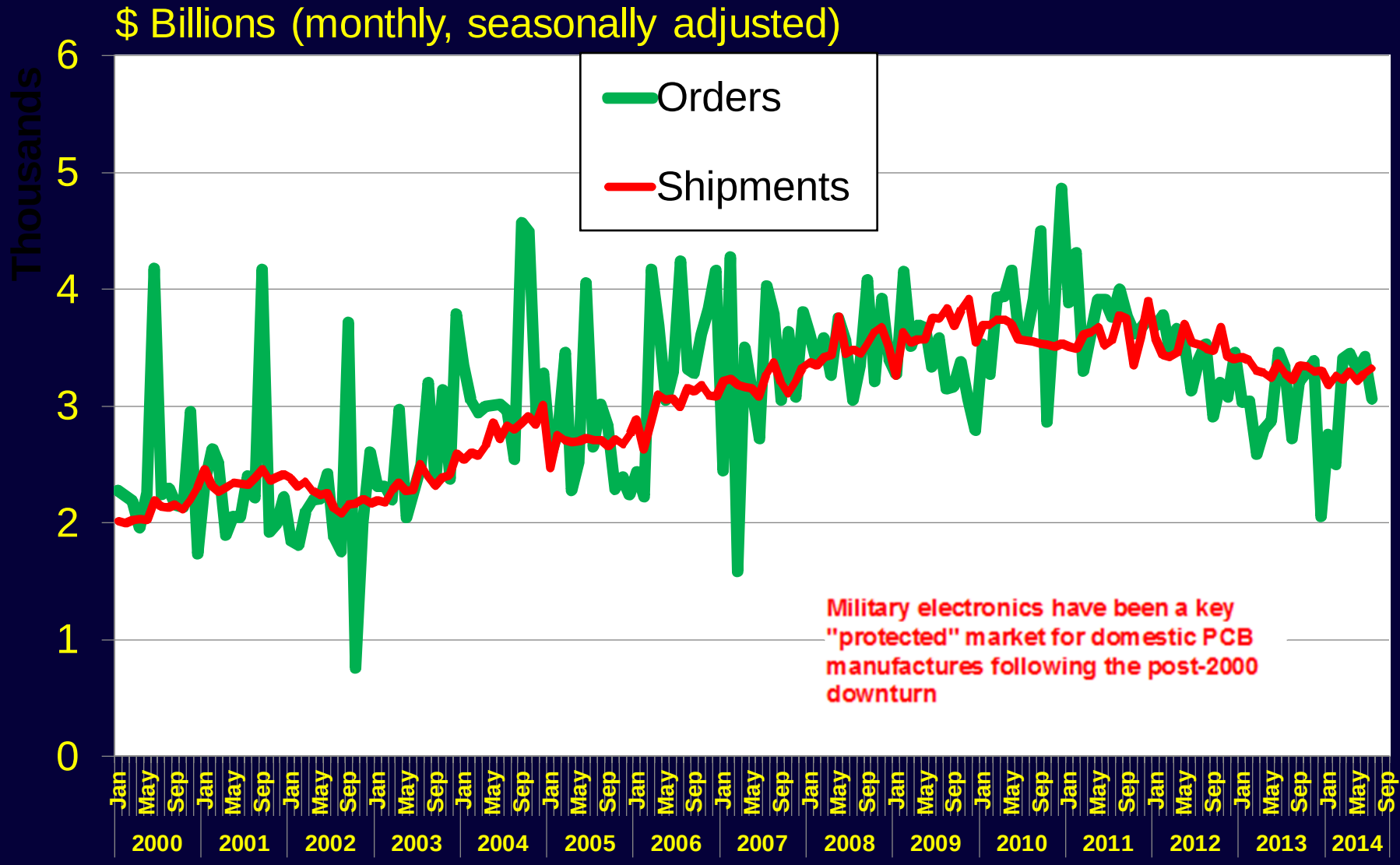


www.census.gov/indicator/www/m3/

Chart 7

U.S. Military Electronics Orders & Shipments

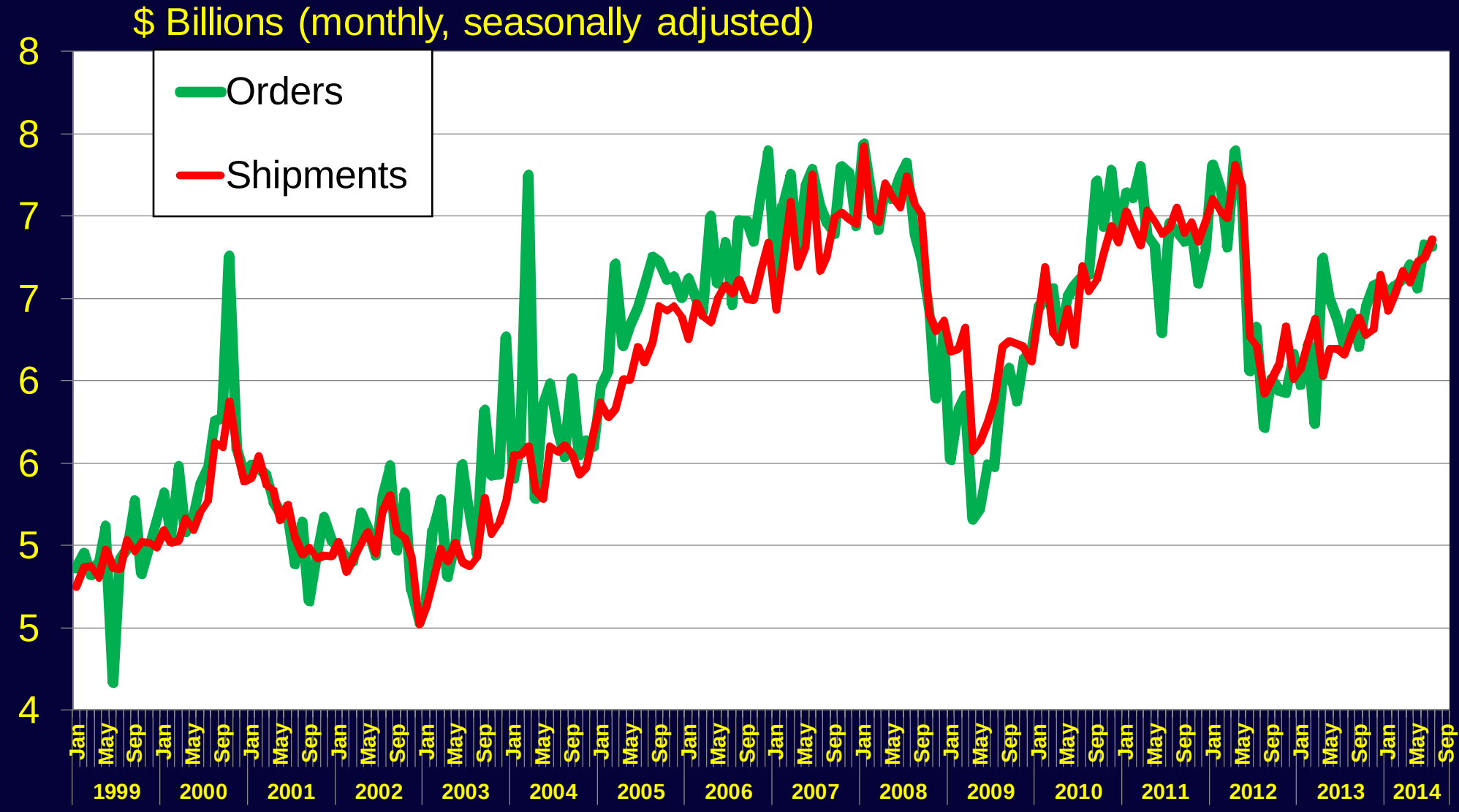
Defense Communication & Search & Navigation Equipment



www.census.gov/indicator/www/m3/

Chart 8

U.S. Electromedical, Measurement & Control Equipment Orders & Shipments

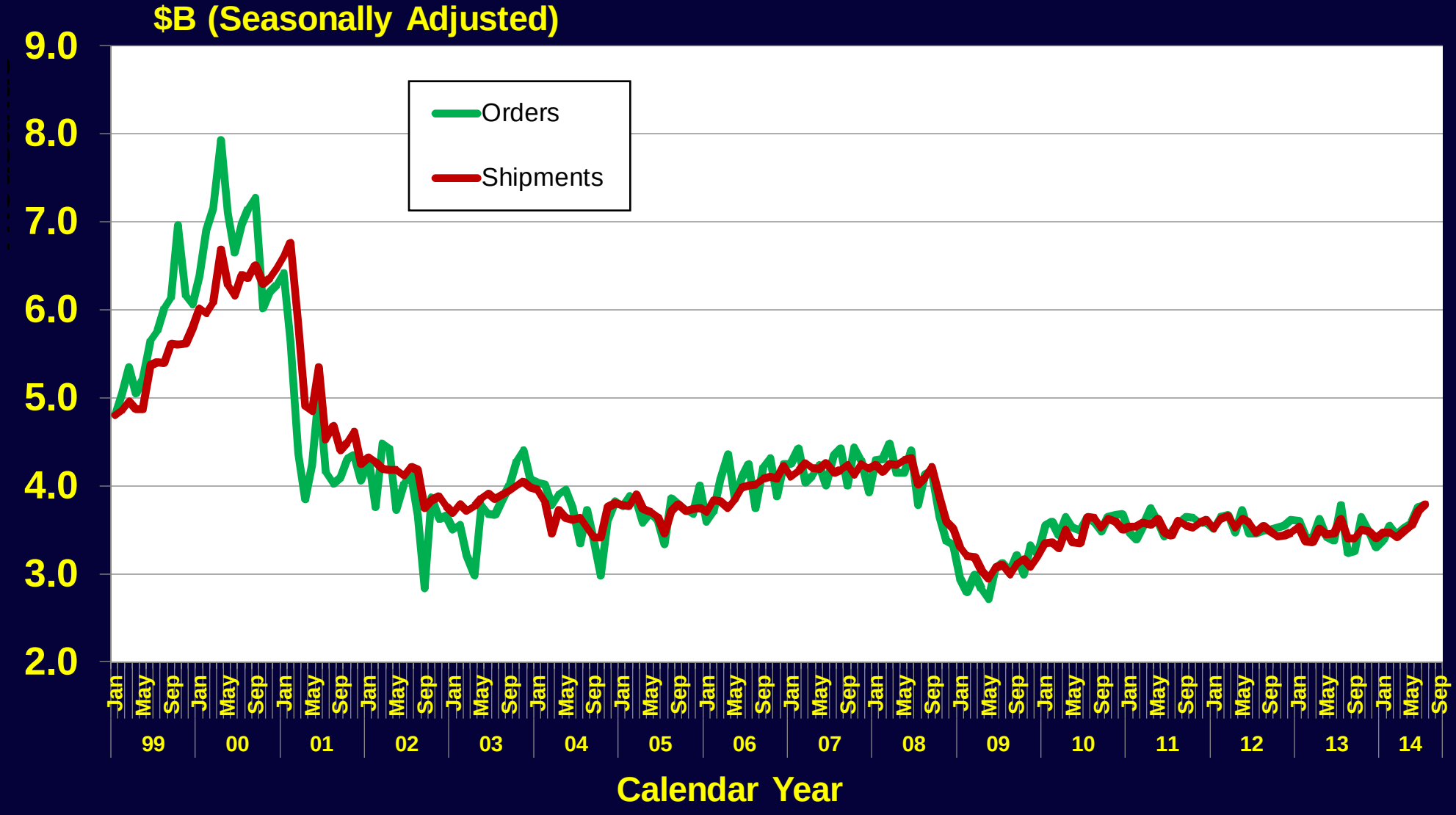


www.census.gov/indicator/www/m3/

Chart 9

U.S. Production: "Other" Electronic Components (excludes semiconductors)

Orders & Shipments



http://www.census.gov/indicator/www/m3/

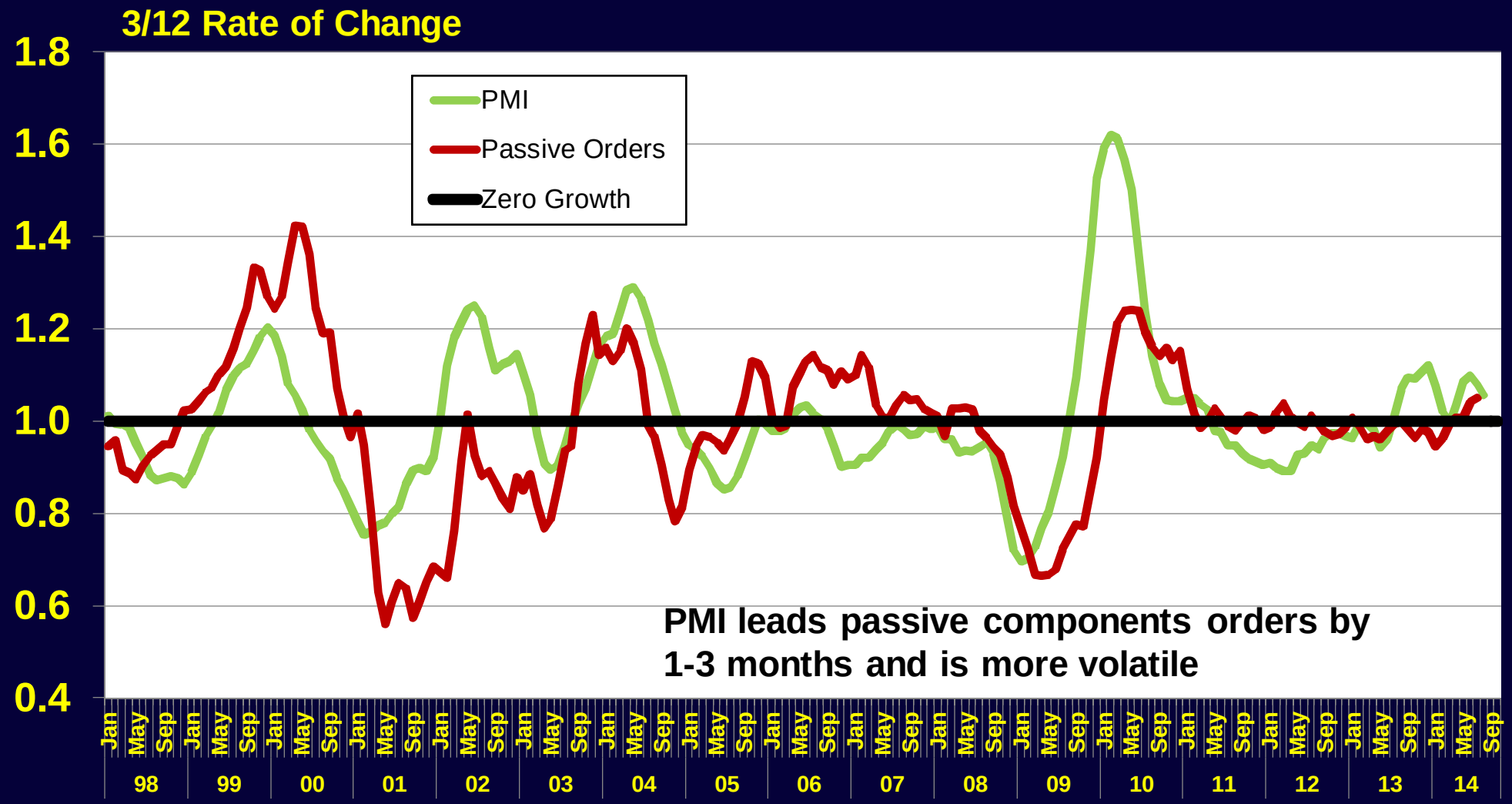
Chart 10

U.S. Passive Component Orders & Shipments

U.S. Dept of Commerce

Chart 11

U.S. Passive Component Orders vs. U.S. PMI



Institute for Supply Management www.ism.ws/
U.S. Dept of Commerce

Chart 12

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

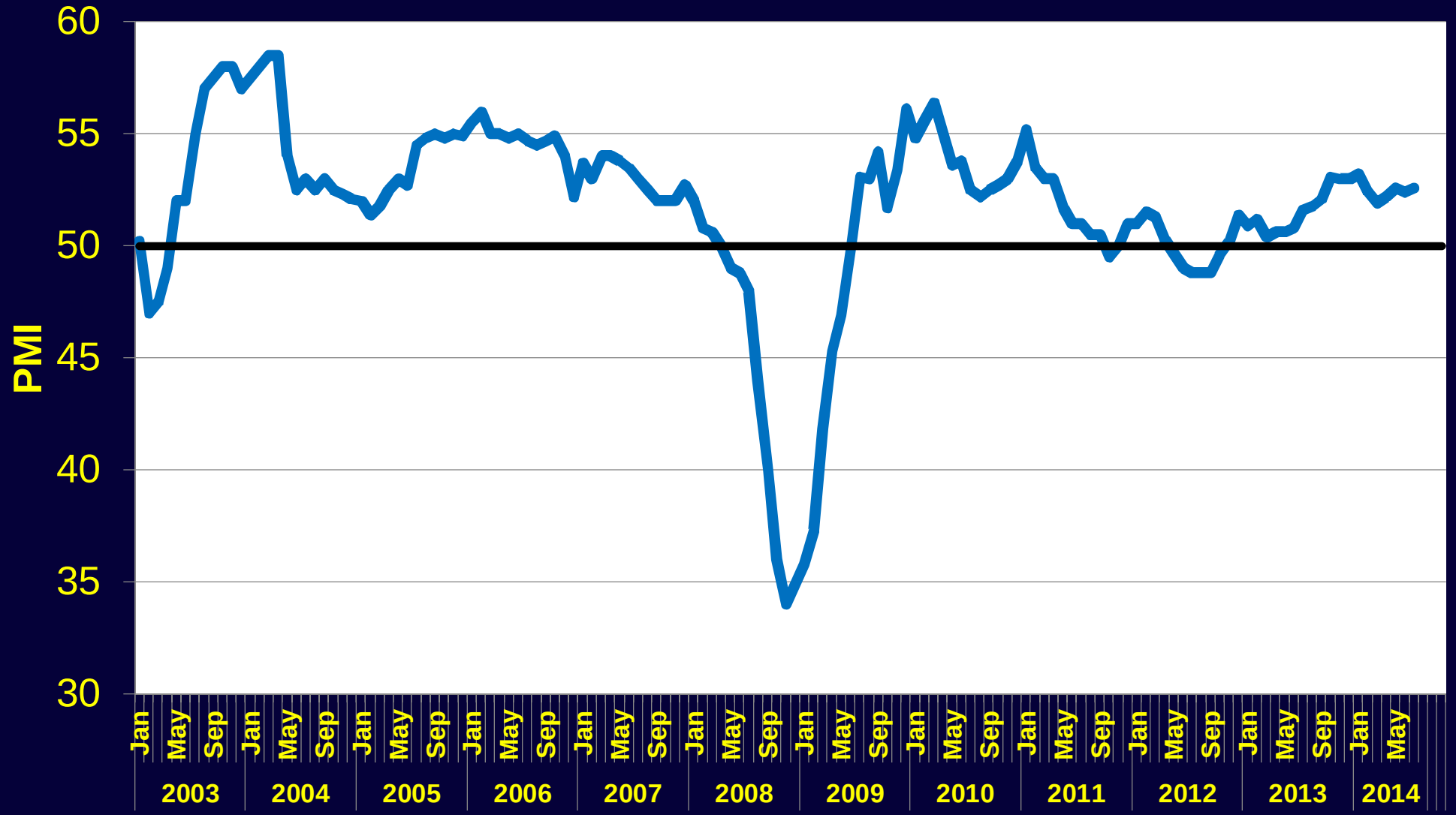
	Latest Month	Annual Growth	3-Month Growth
Electronic Component $			
Rigid & Flex PCB Orders (N Amer)	7/14	94.9	92.4
Rigid & Flex PCB Shipments (N Amer)	7/14	100.3	99.0
Electronic Component Orders	7/14	99.2	105.1
Electronic Component Shipments	7/14	101.0	105.0
Semiconductor Shipments to N America	7/14	114.9	108.1
U.S. Electronic Equipment Orders $			
Computer & Related	7/14	98.5	114.2
Communication	7/14	97.4	82.0
Medical, Measurement & Control	7/14	107.3	106.0
Search & Navigation	7/14	101.0	105.2
Defense Capital Goods	7/14	95.9	100.5
Military Electronics	7/14	98.1	101.5
Total Electronic Equipment	7/14	102.0	100.6
U.S. Industrial Production	7/14	103.8	104.5

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

Chart 13

Global "Purchasing Managers" Index

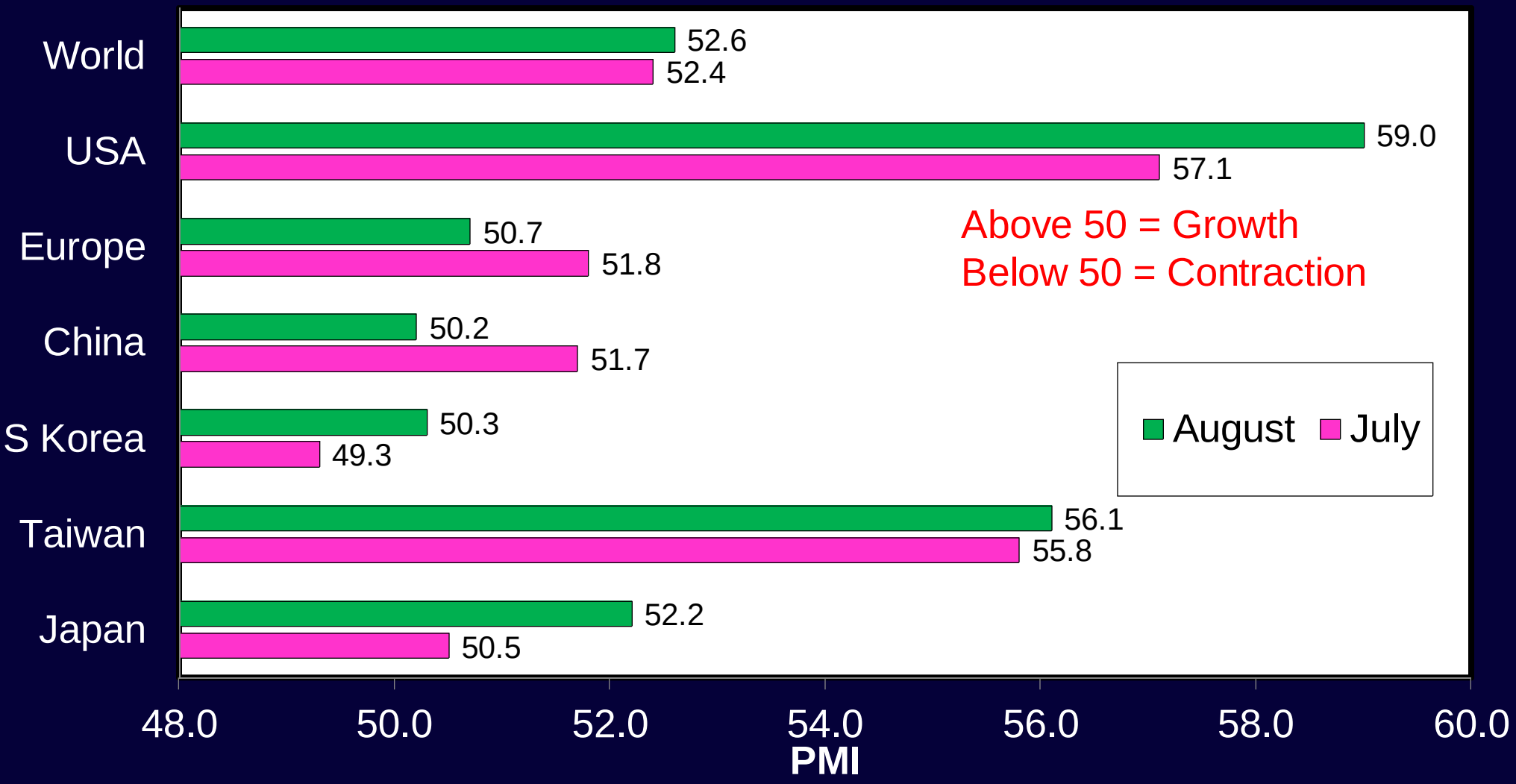
Diffusion Index, >50 = Growth



Markit Economics

Chart 14

Purchasing Managers' Indices
August vs. July 2014

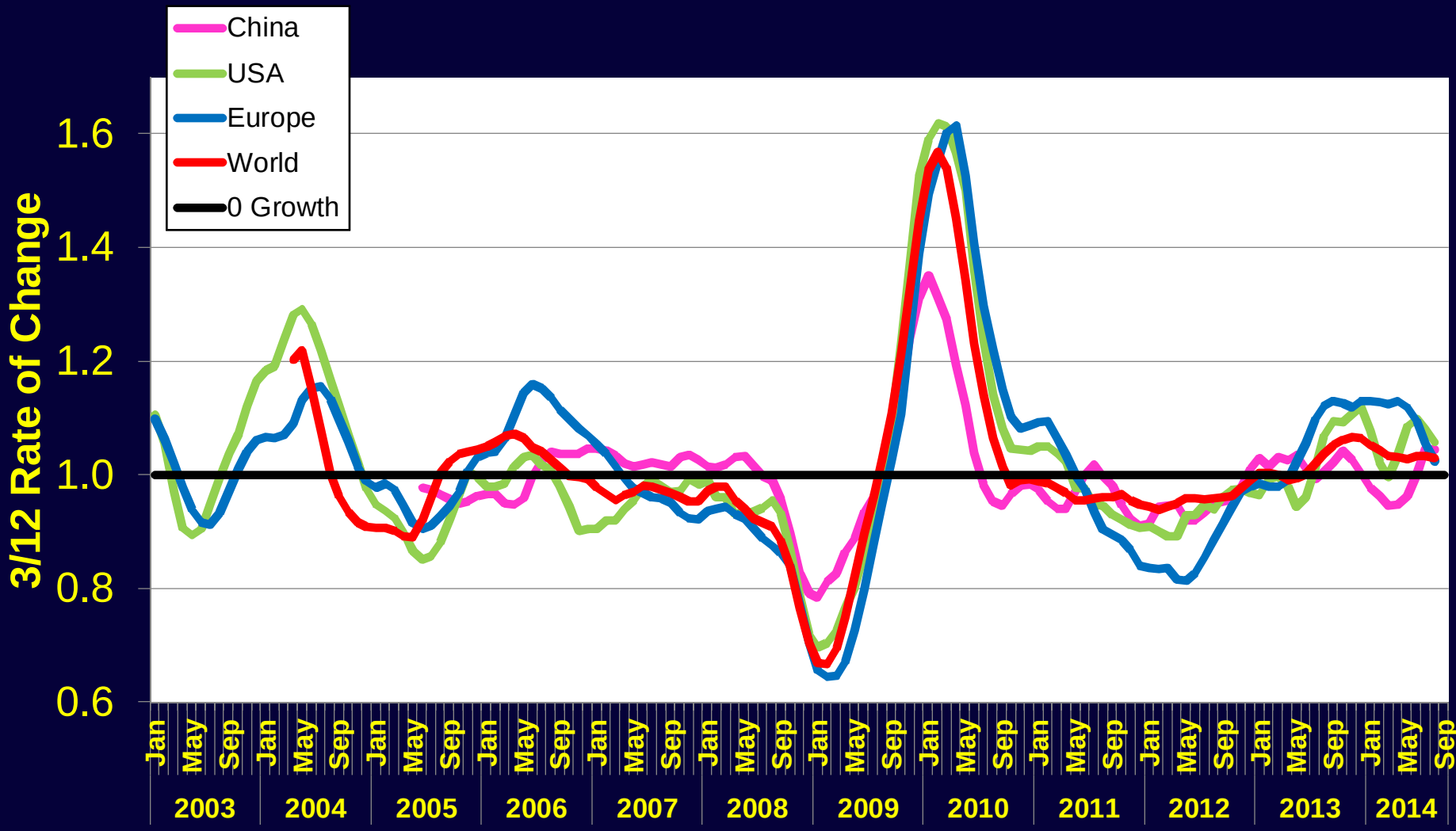


Markit Economics, JPMorgan and ISM

Chart 15

World Purchasing Managers Index

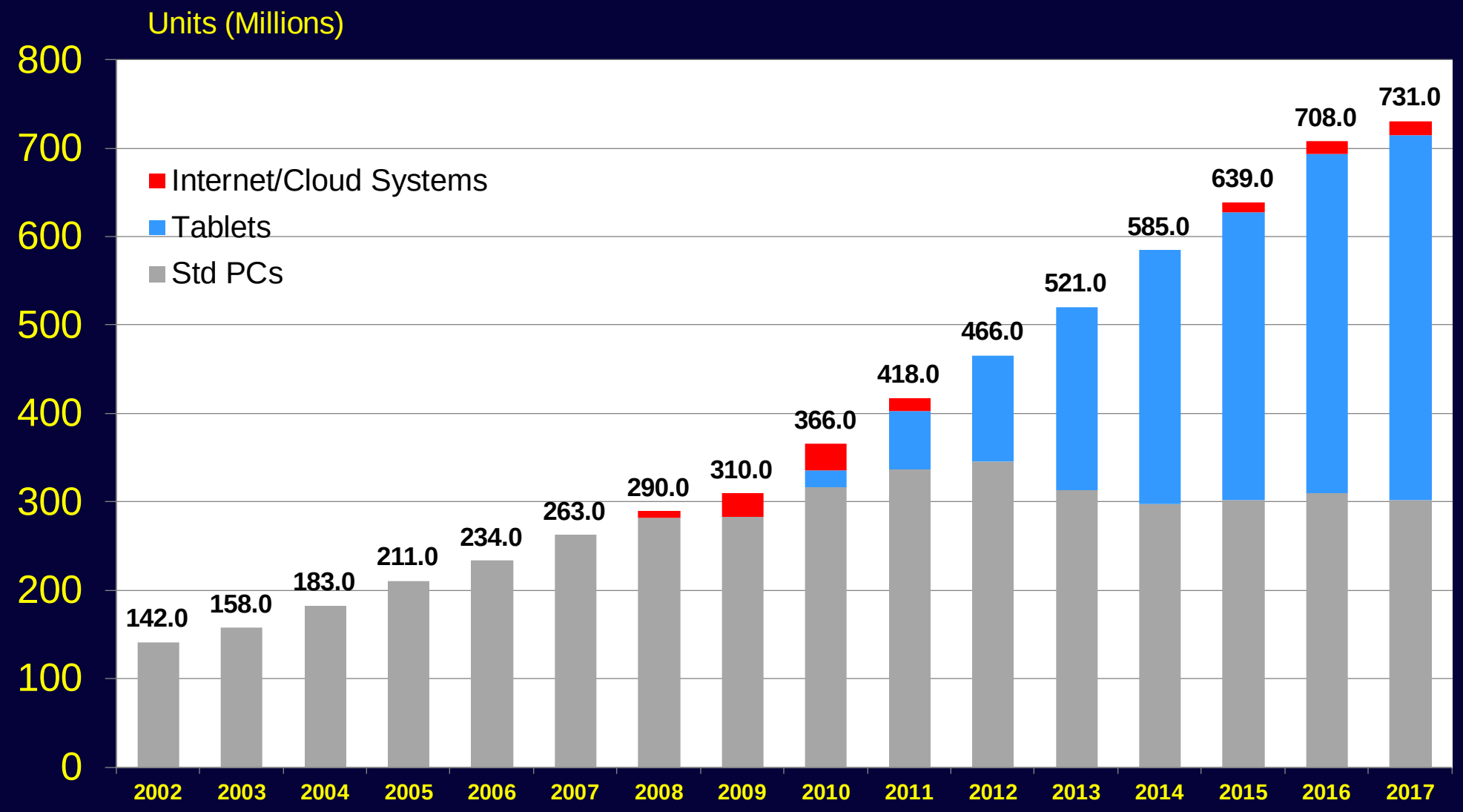
3/12 Rate of Change



ISM, JPMorgan, Markit Economics

Chart 16

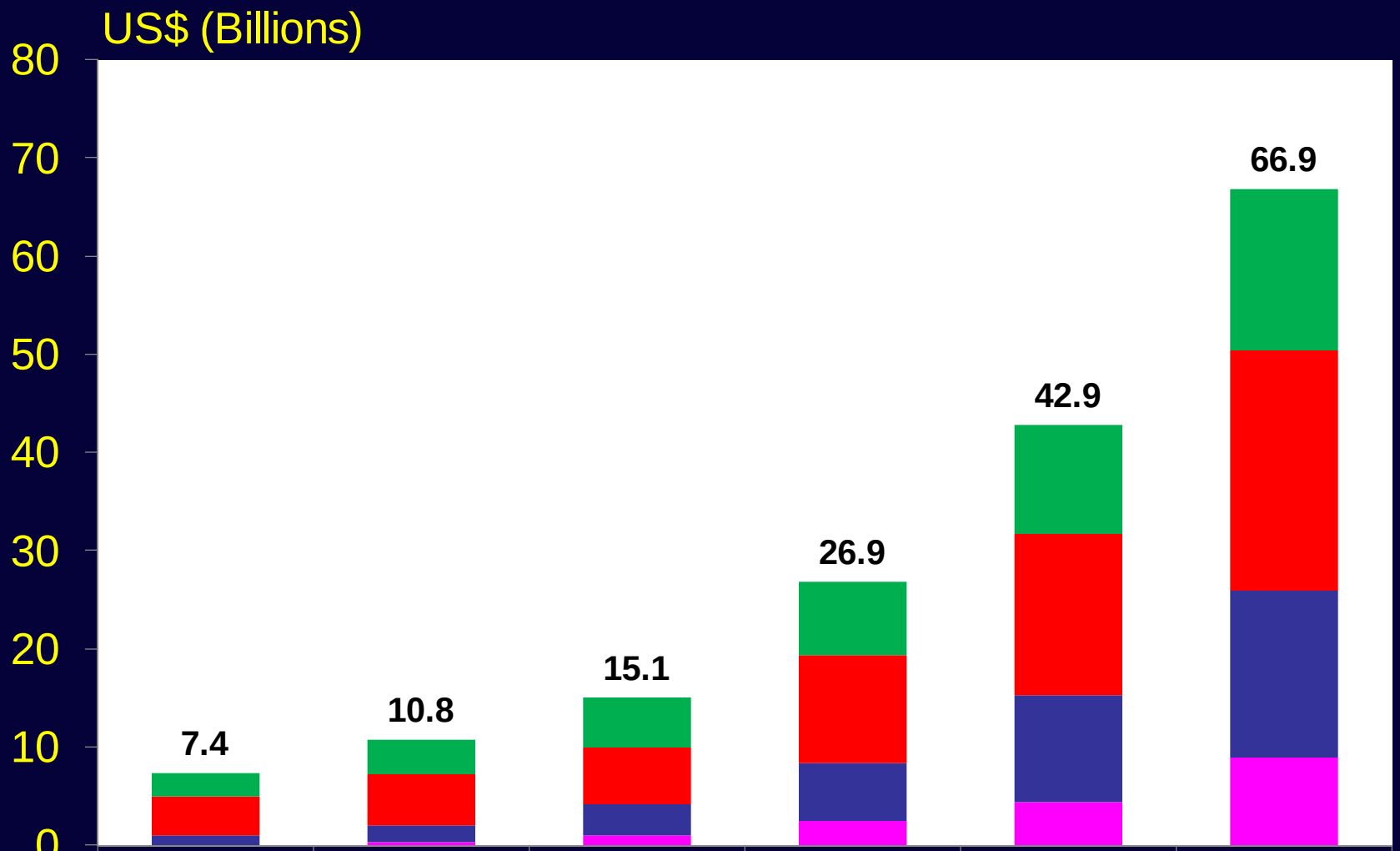
Personal Computers
Global Shipments by Type



IC Insights 9/14

Chart 17

World Spending on Robots

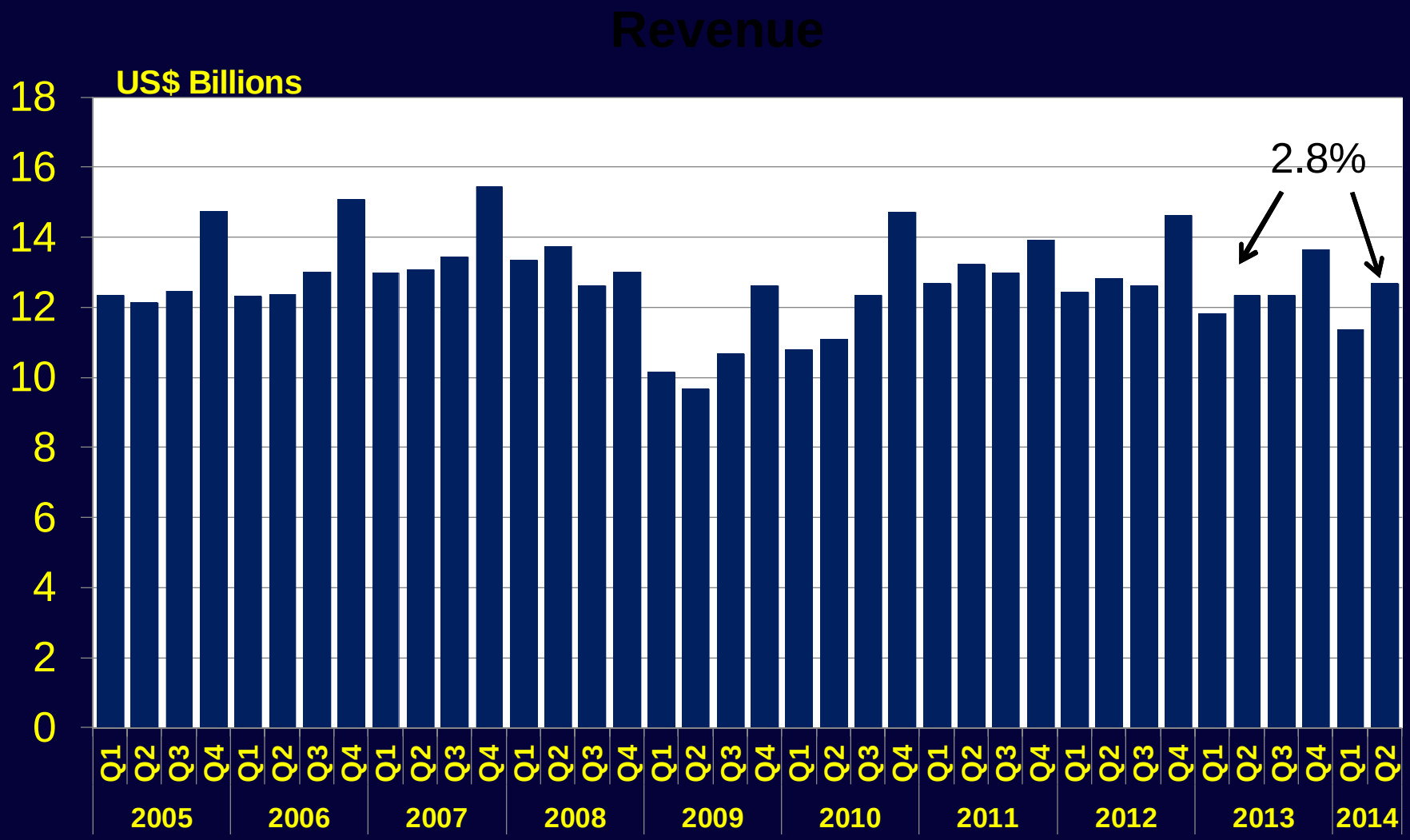


	2000	2005	2010	2015	2020	2025
Total	7.4	10.8	15.1	26.9	42.9	66.9
Military	2.4	3.5	5.1	7.5	11.2	16.5
Industrial	3.9	5.2	5.8	11.0	16.4	24.4
Commercial	1.1	1.7	3.2	5.9	10.8	17.0
Personal	0.0	0.4	1.0	2.5	4.5	9.0

BCG Analysis 9/14, International Federation of Robots, Japan Robot Assoc, Japan Ministry of Economy, Trade & Industry, euRobotics, company filings

Chart 18

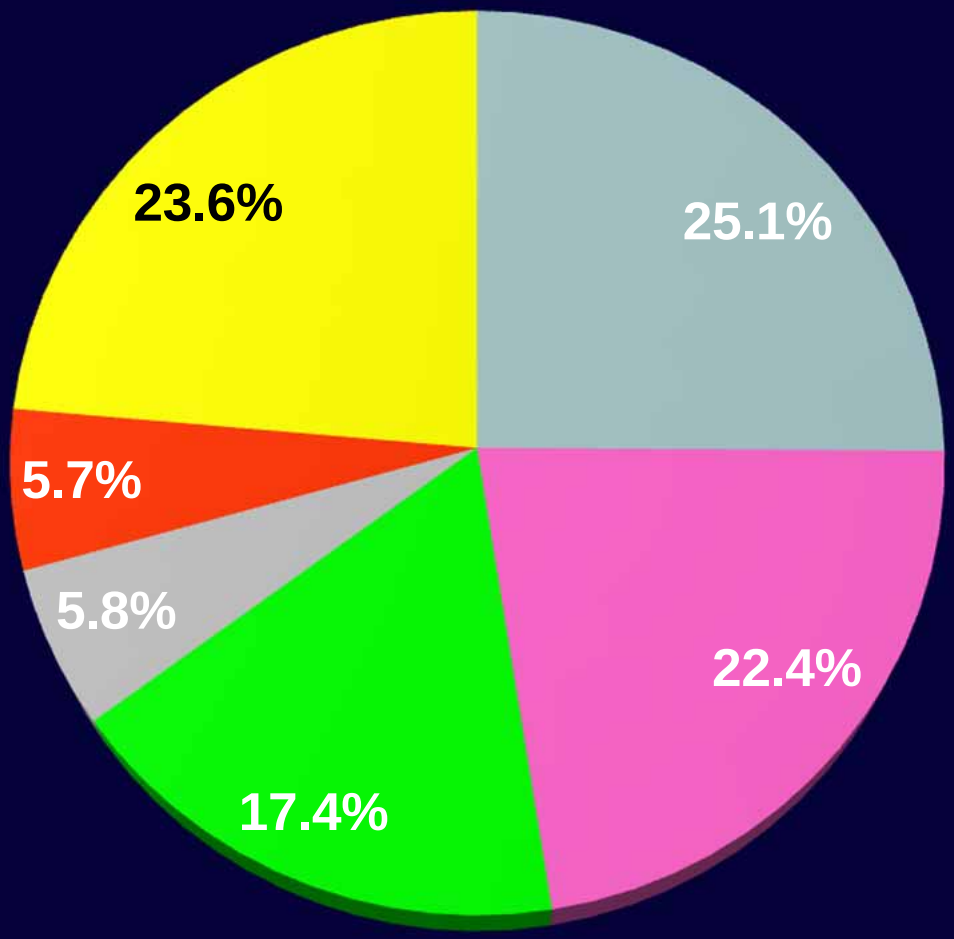
World Server Shipment Revenue



Gartner Dataquest 8/14 & prior reports

Chart 19

World Server Shipments 2Q'14

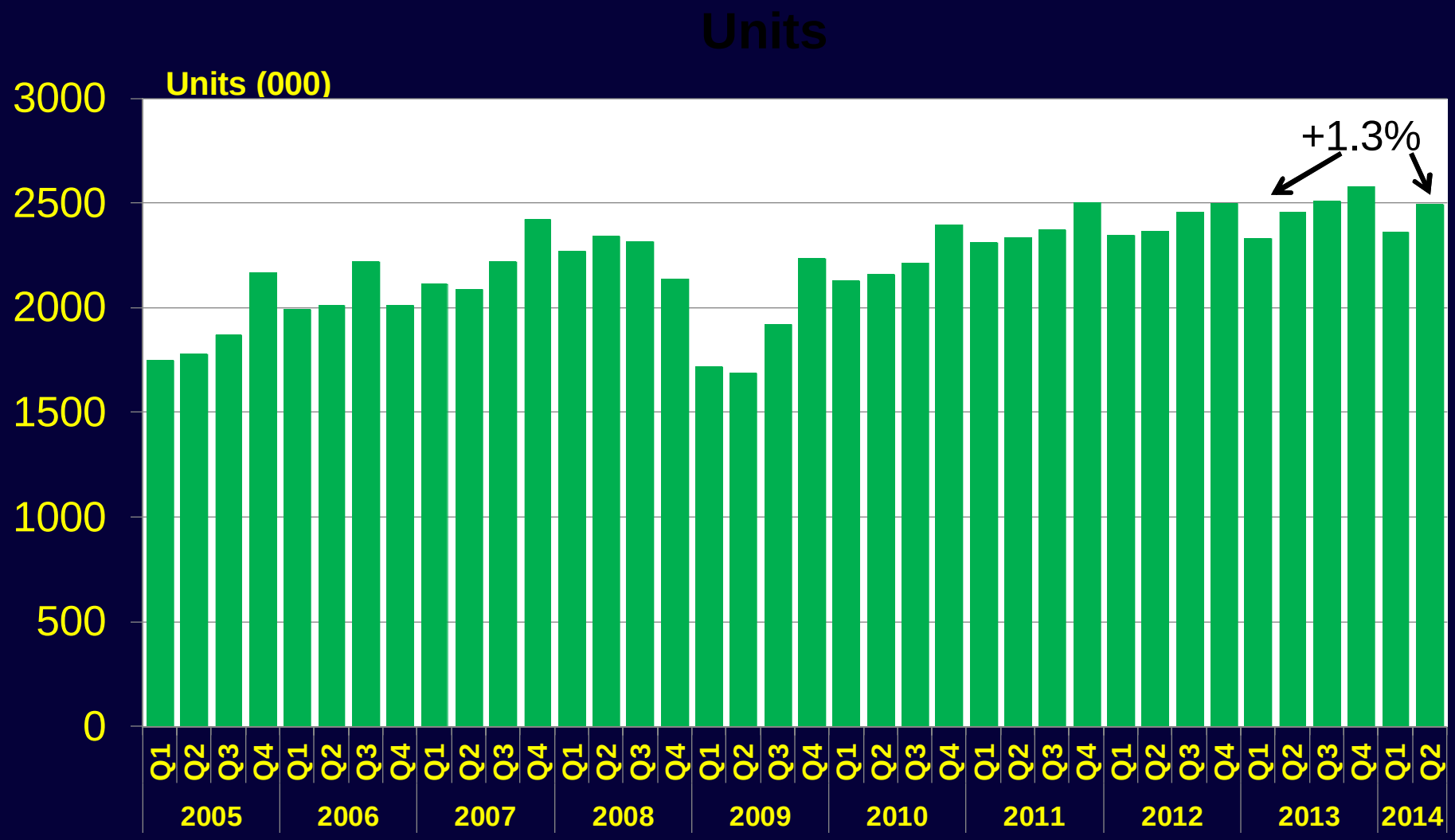


TOTAL: $12.7 Billion

Gartner Dataquest 8/2014

Chart 20

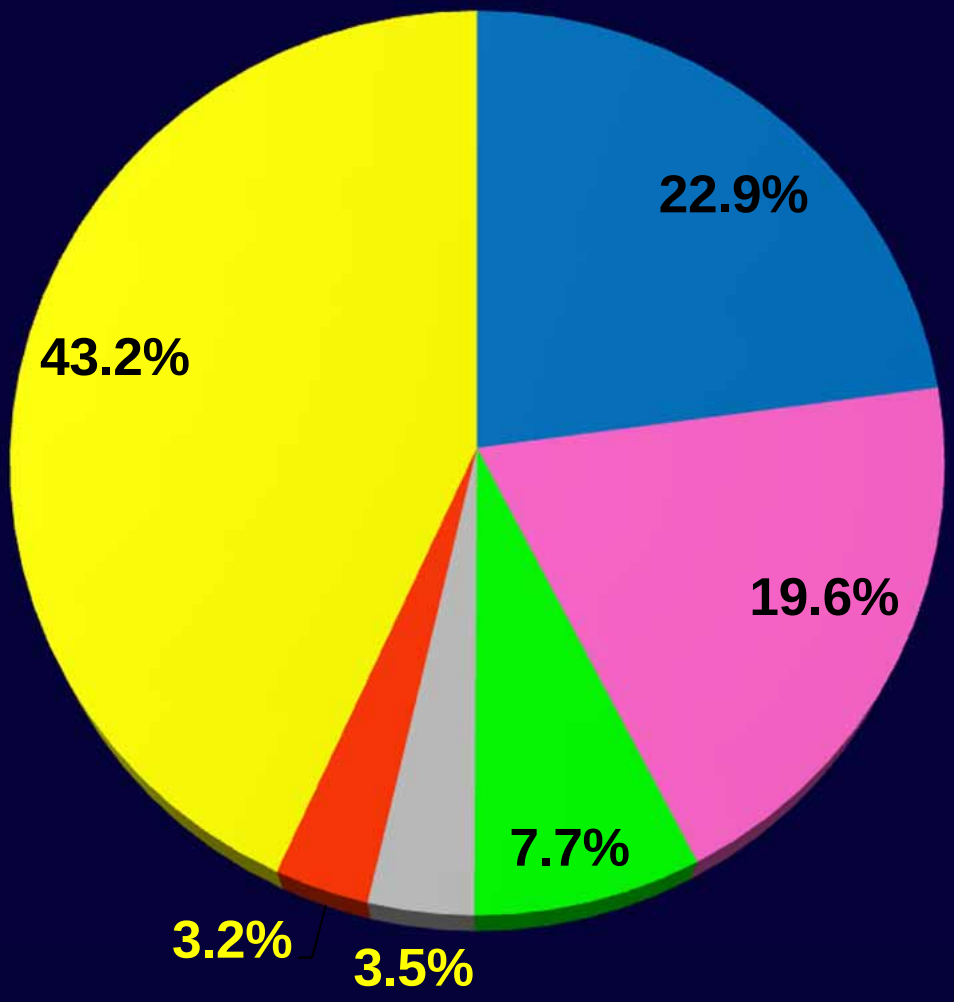
World Server Shipment Units



Gartner Dataquest 8/14 & prior reports

Chart 21

World Server Shipments 2Q'14

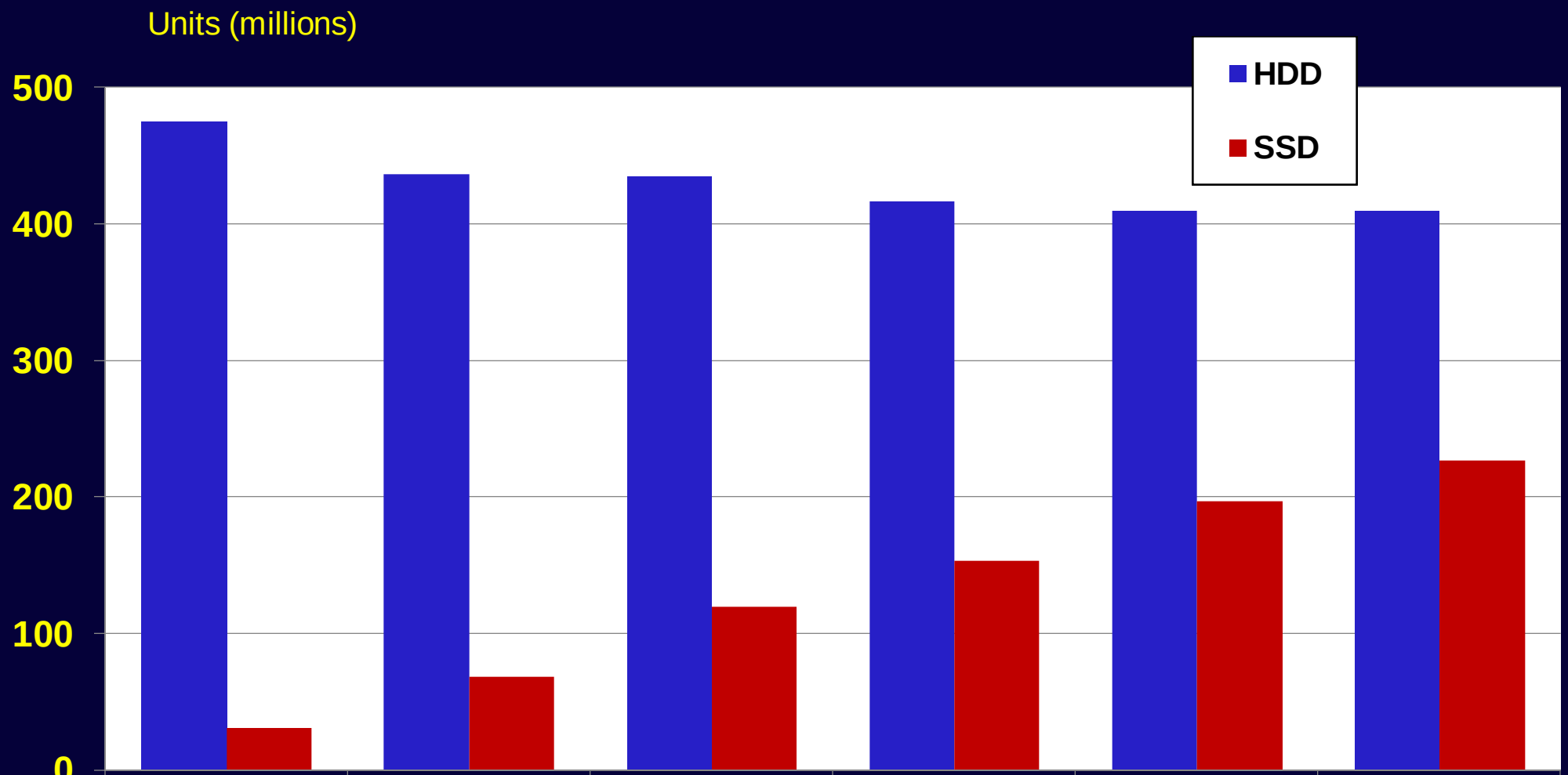


TOTAL: 2.49 Million Units

Gartner Dataquest 8/2014

Chart 22

PC Storage – HDDs & Solid State Drives



	2012	2013	2014	2015	2016	2017
HDD	475	437	435	417	410	410
SSD	31	69	120	154	197	227

IHS iSuppli 9/14

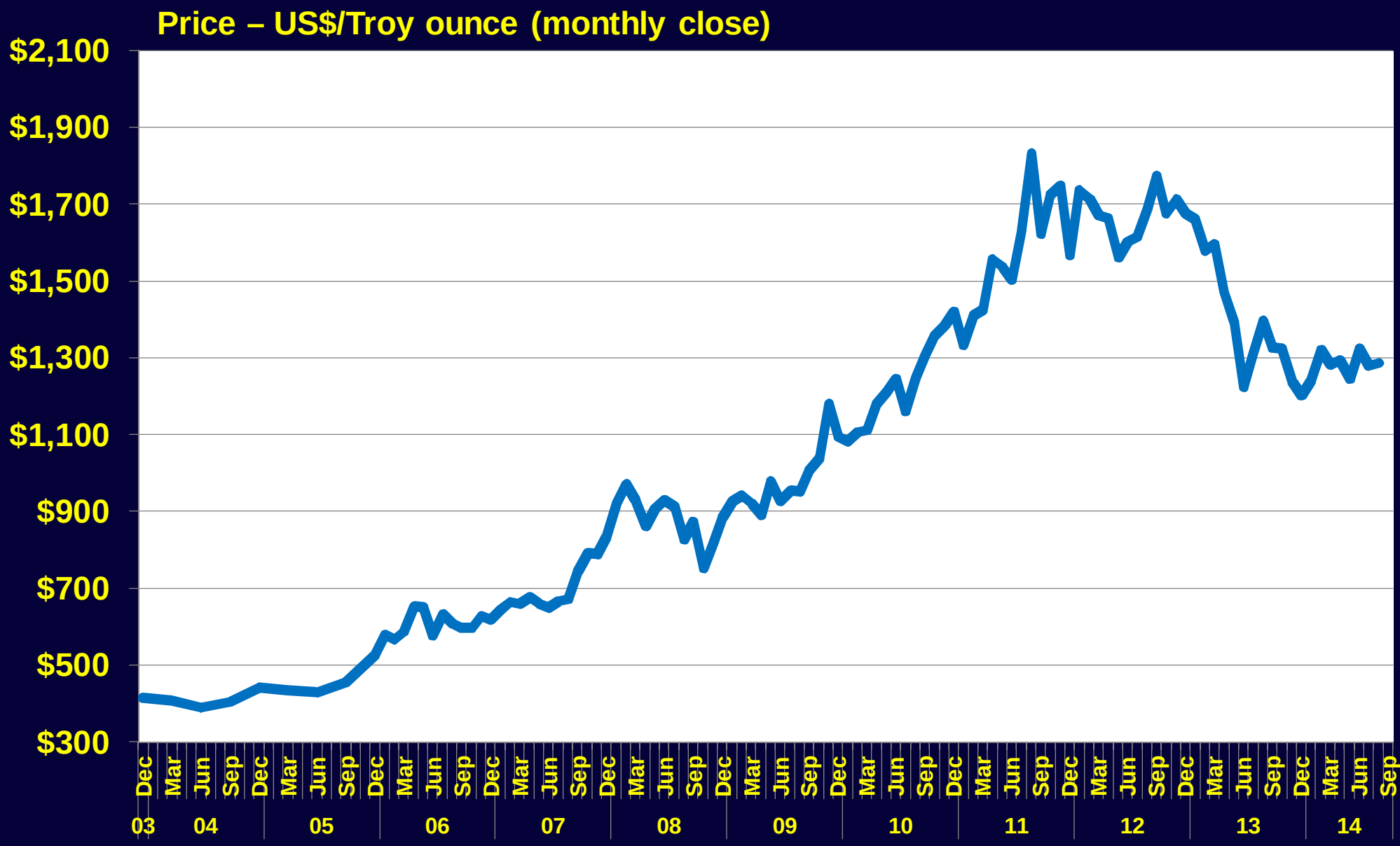
Chart 23

Copper, High Grade (HG, Comex)

http://futures.tradingcharts.com/chart/CP/B9

Chart 24

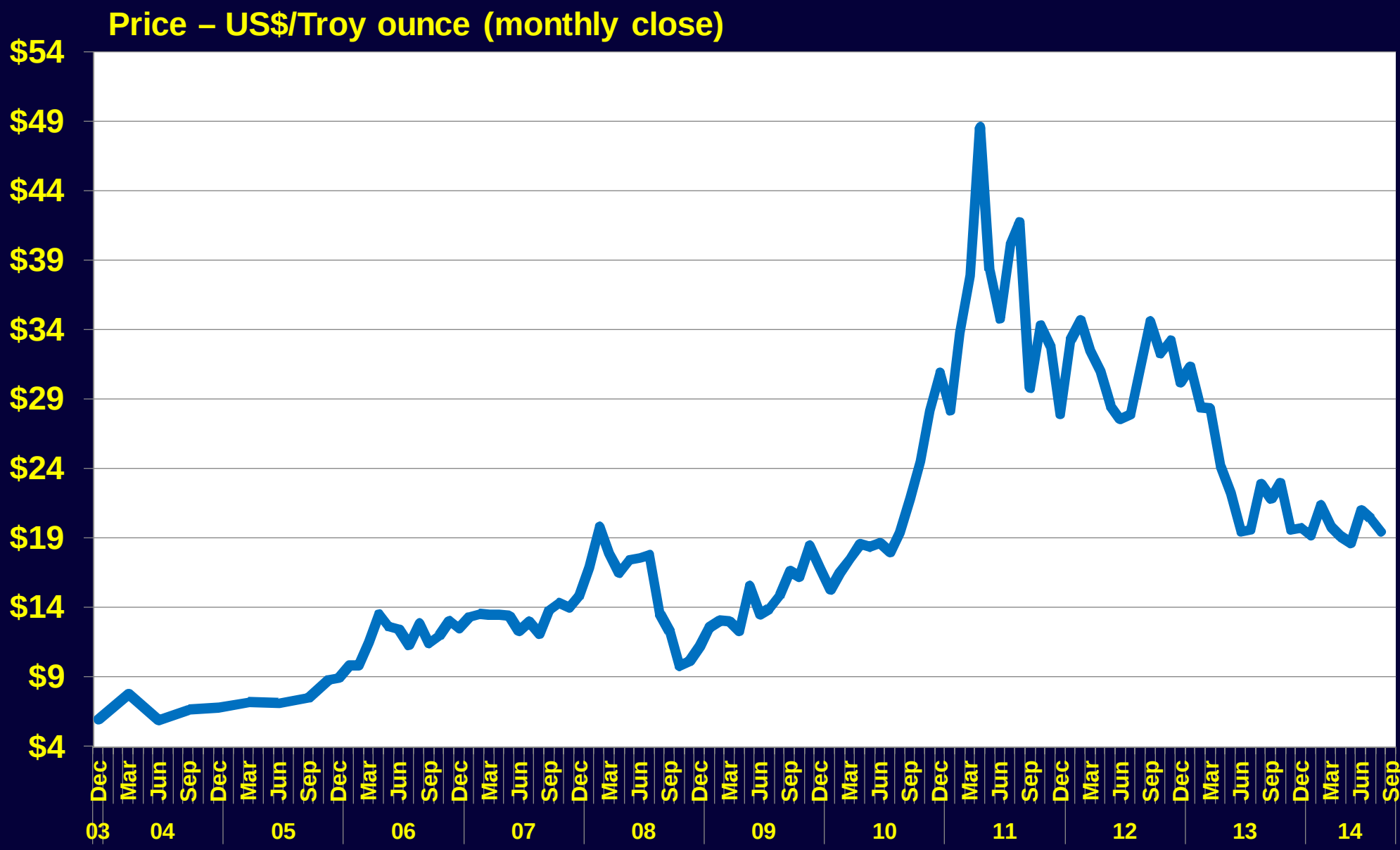
Gold, 100 oz (GC, Comex)



http://futures.tradingcharts.com/chart/GD/49

Chart 25

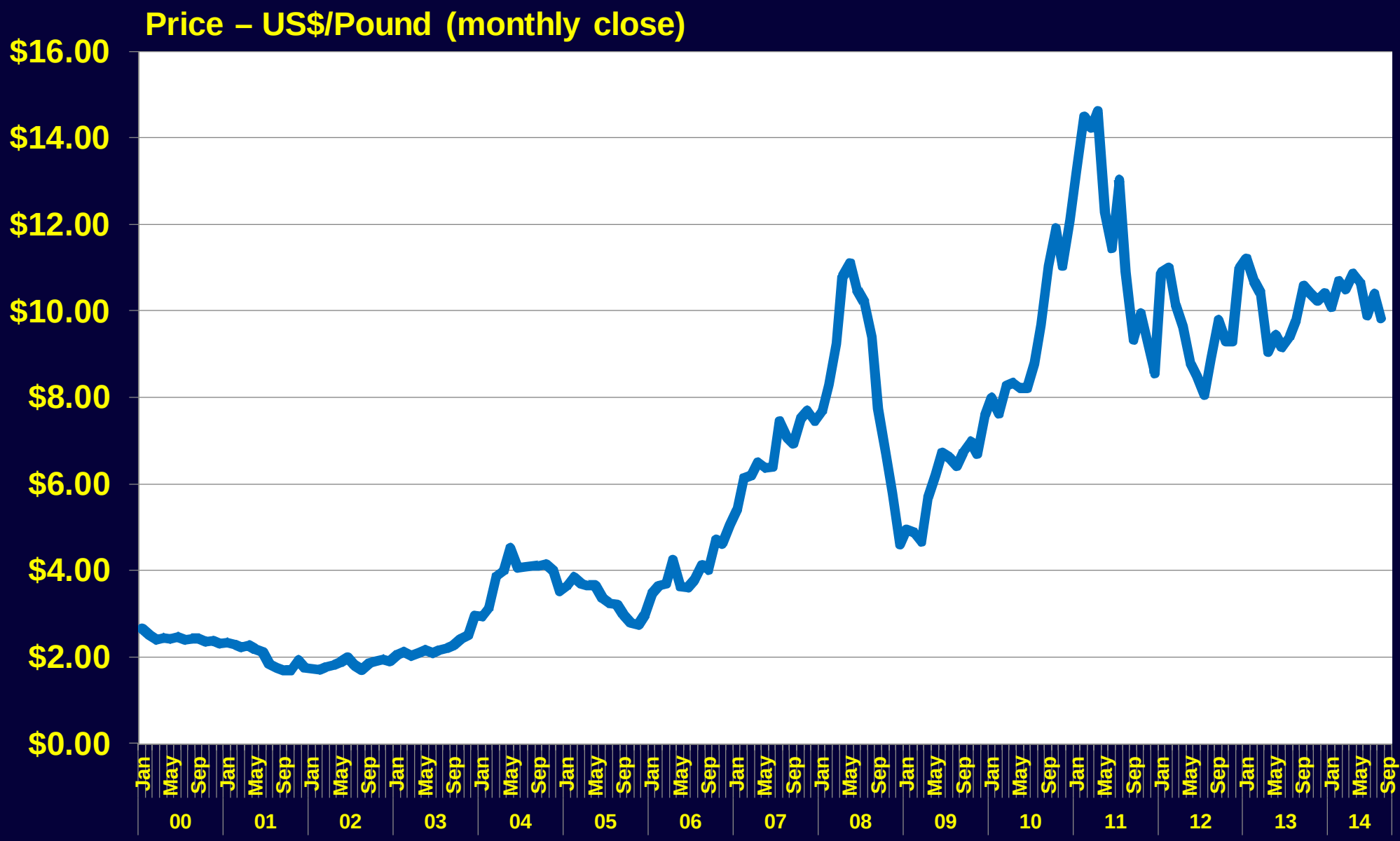
Silver, 5000 oz (Si, Comex)



http://futures.tradingcharts.com/chart/SV/39

Chart 26

Tin

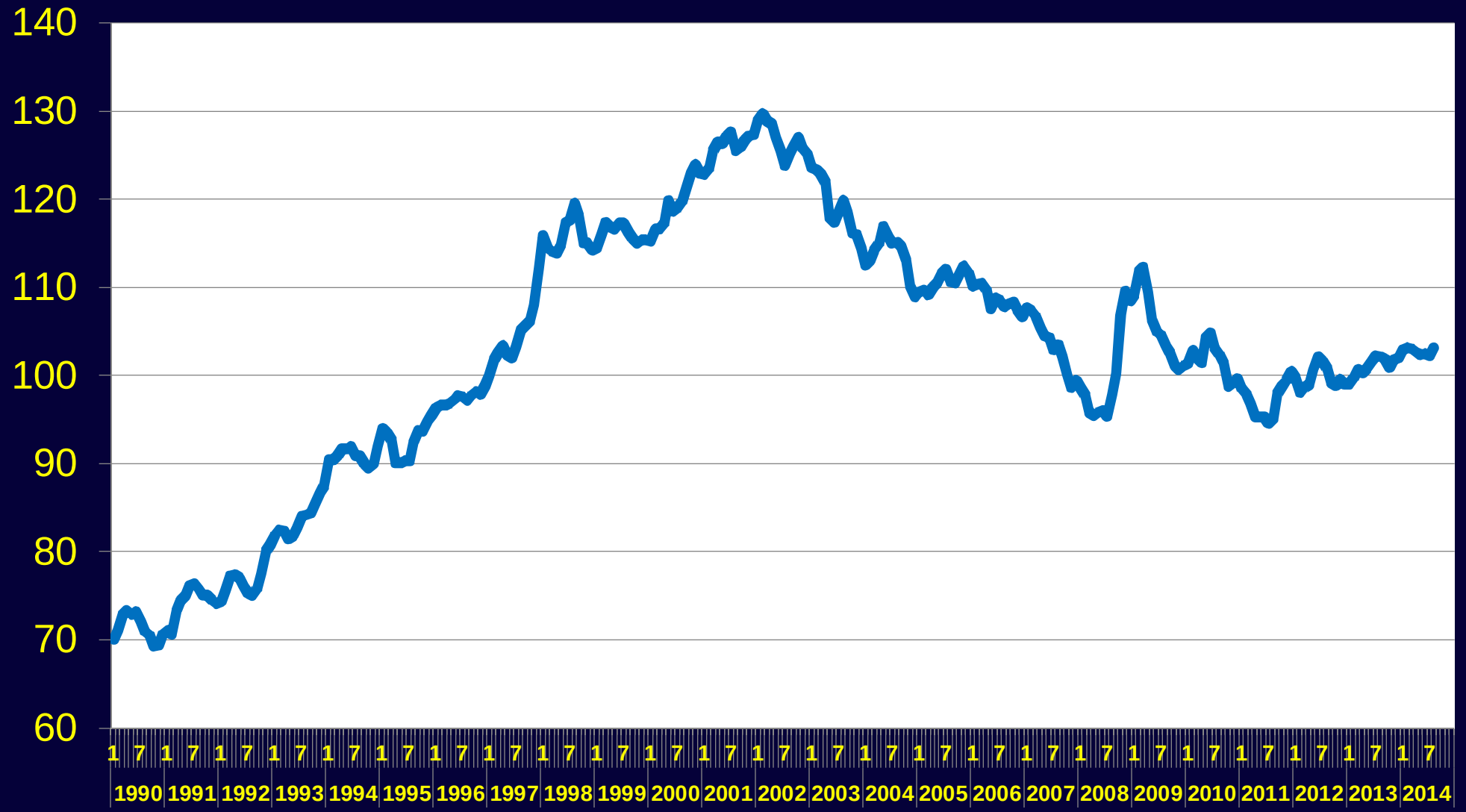


http://www.infomine.com/investment/metal-prices/tin/

Chart 27

Trade-Weighted Exchange Value of U.S. Dollar Broad

Index (January 1997=100)

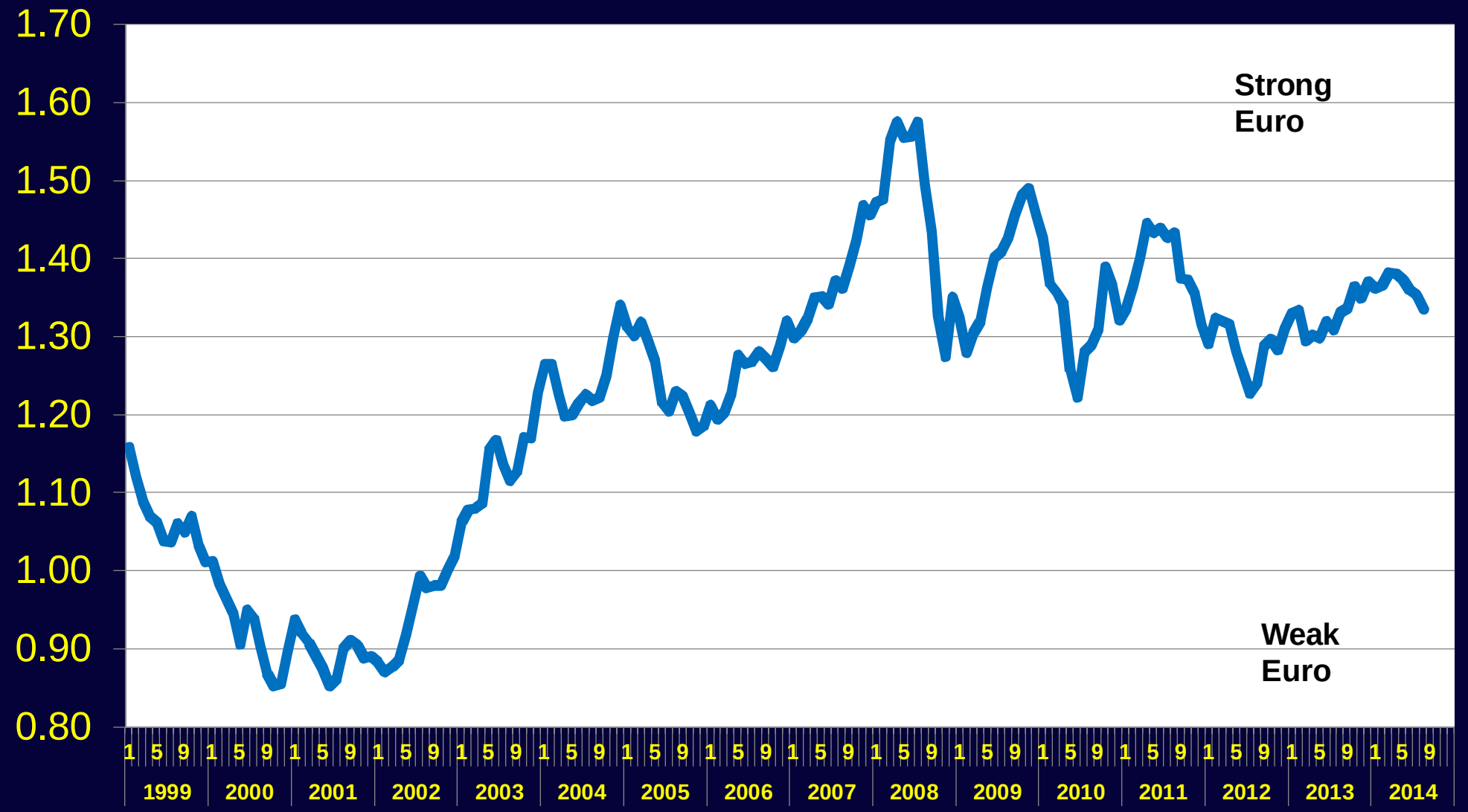


http://research.stlouisfed.org/fred2/series/TWEXBMTH

Chart 28

Euro vs. U.S. Dollar

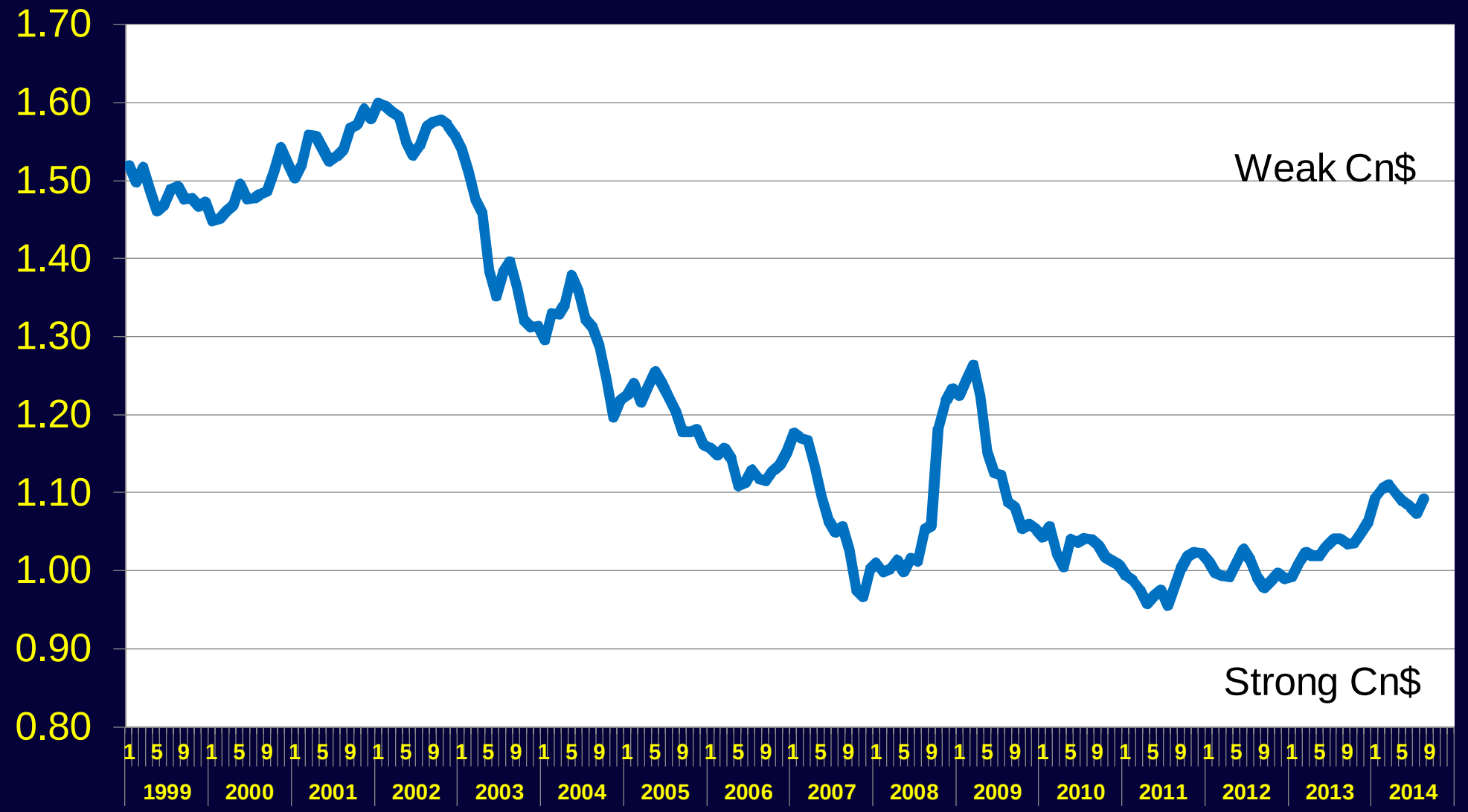
US$/Euro



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

Chart 29

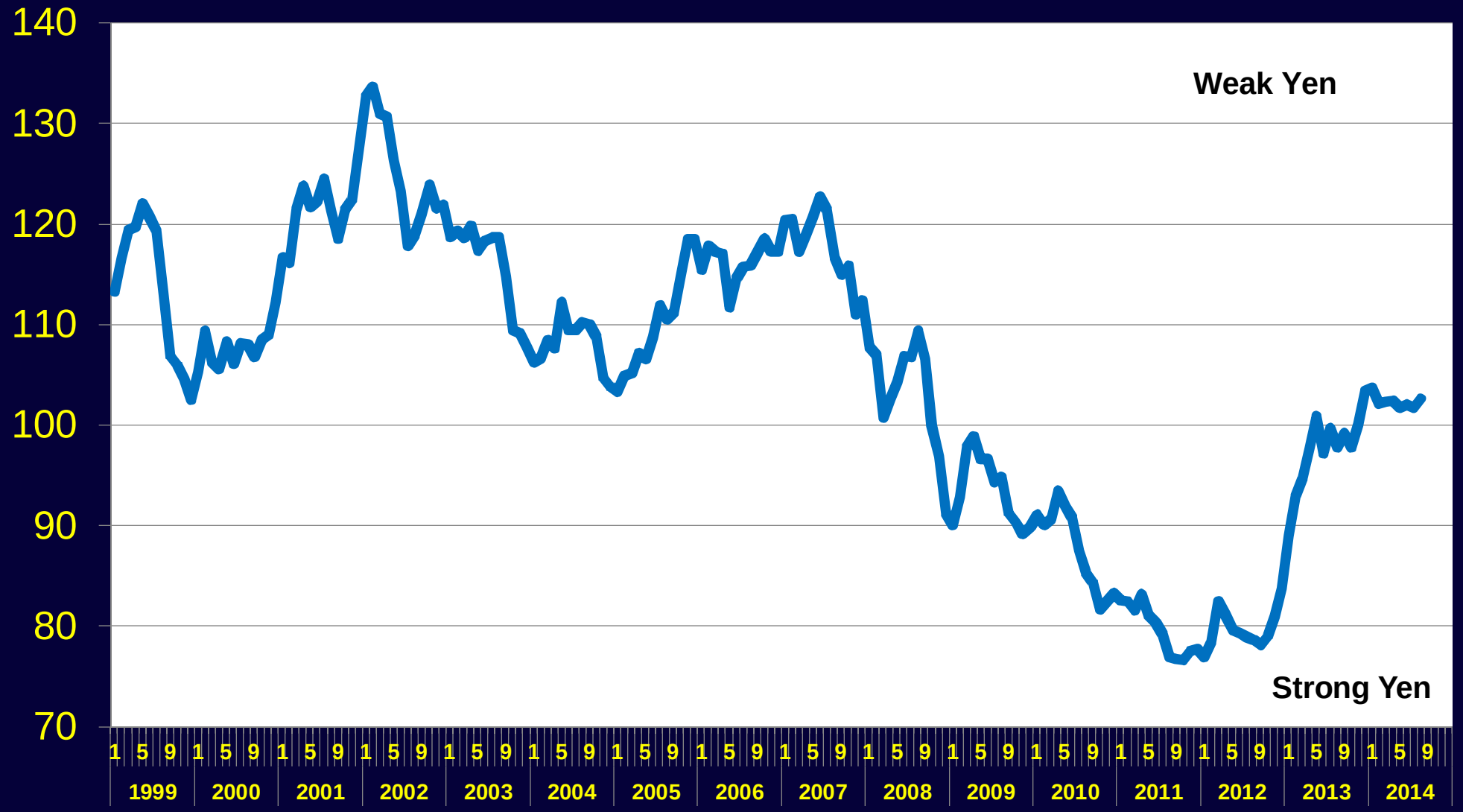
Canada $ vs. U.S. $



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

Chart 30

Japanese Yen vs. U.S. Dollar



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

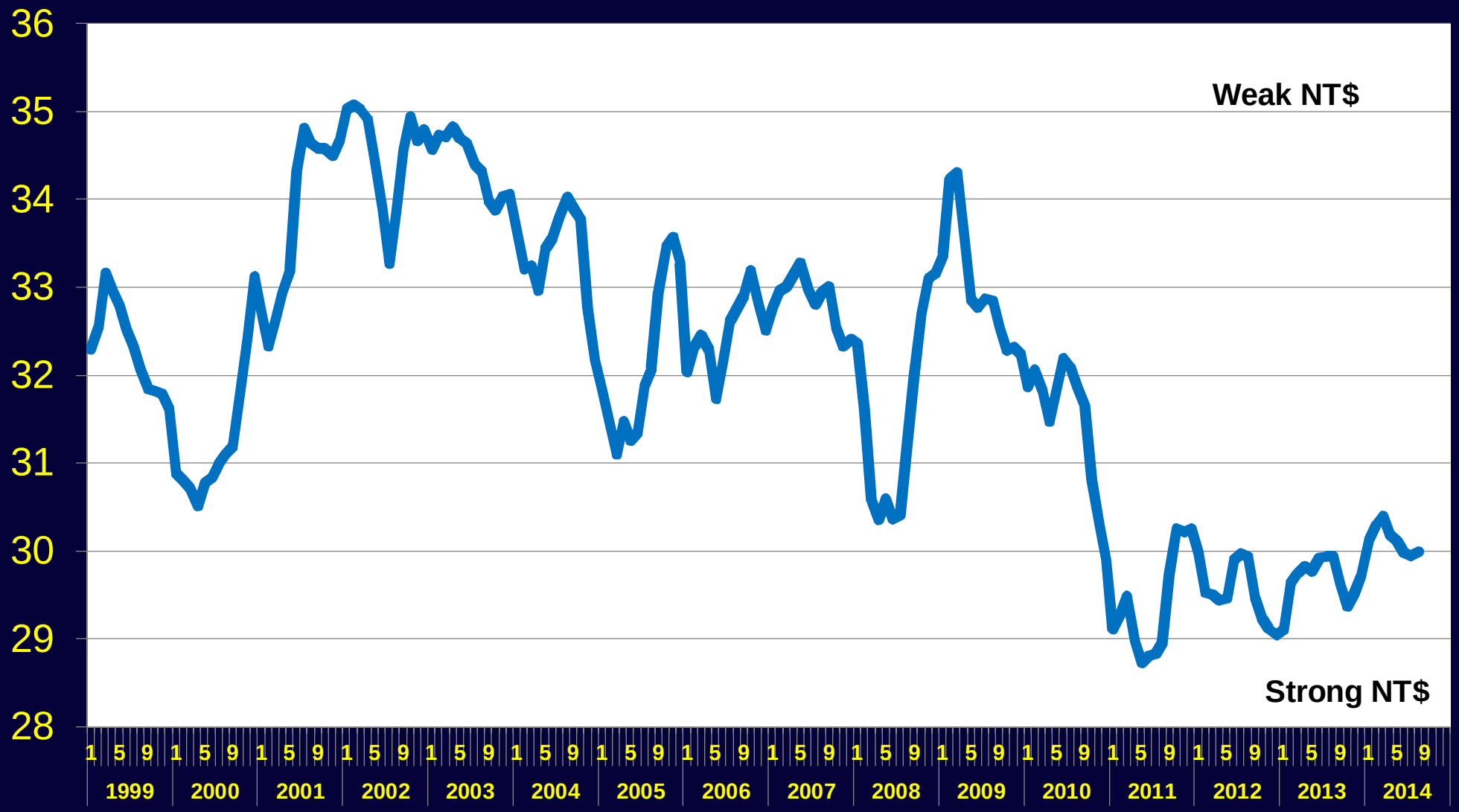
Chart 31

China Yuan vs. U.S. Dollar

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

Chart 32

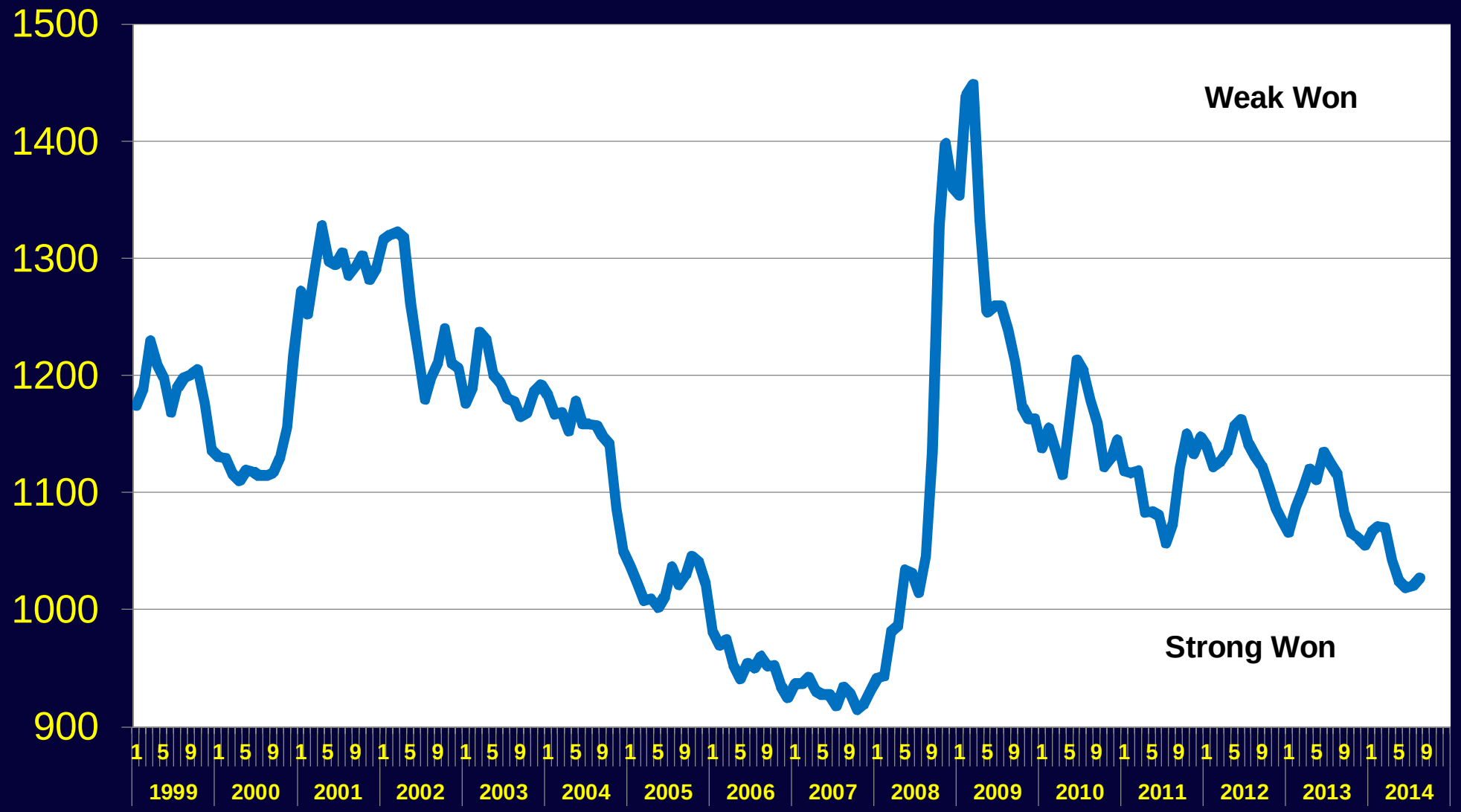
Taiwan vs. U.S. Dollar



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

Chart 33

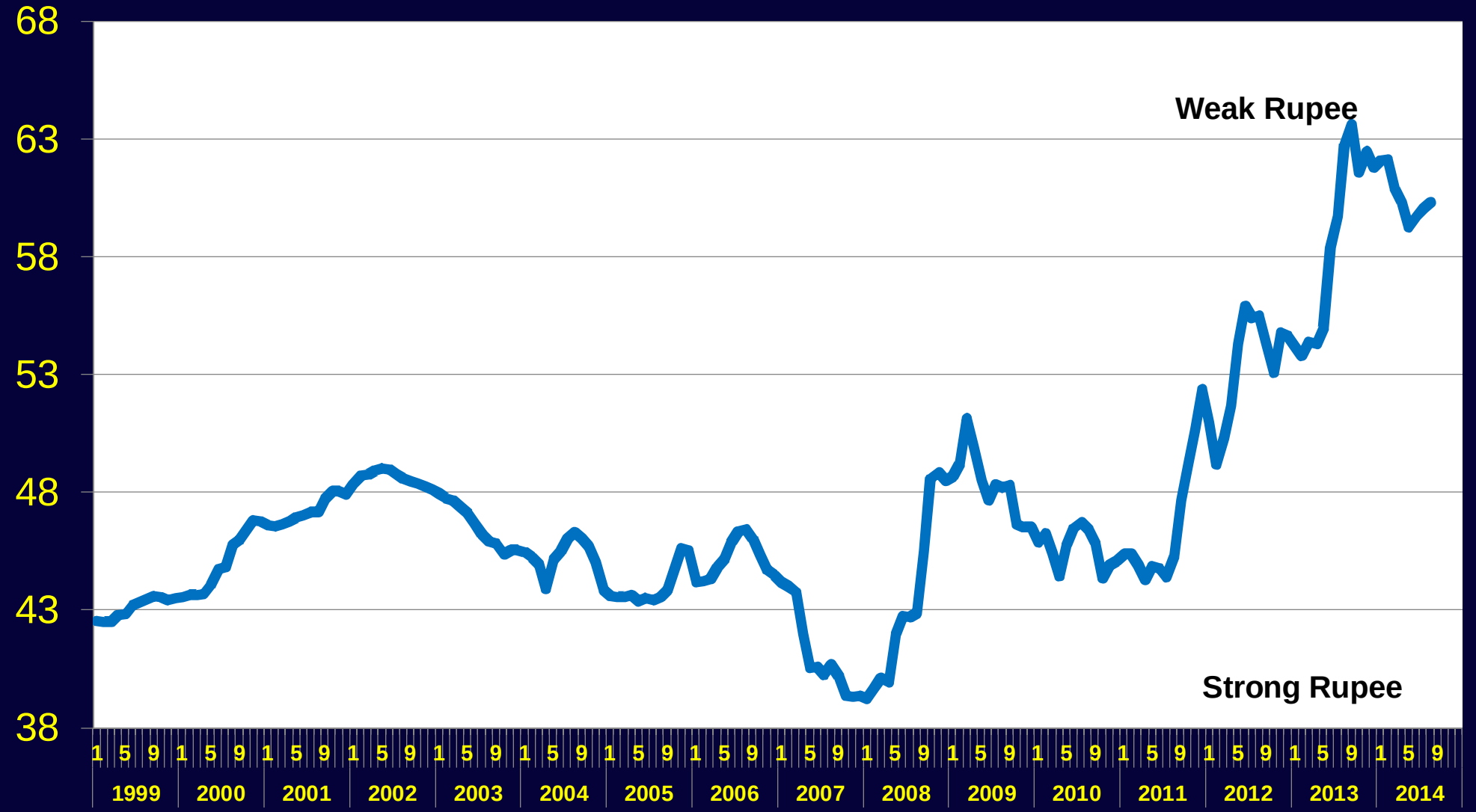
S. Korean Won vs. U.S. Dollar



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

Chart 34

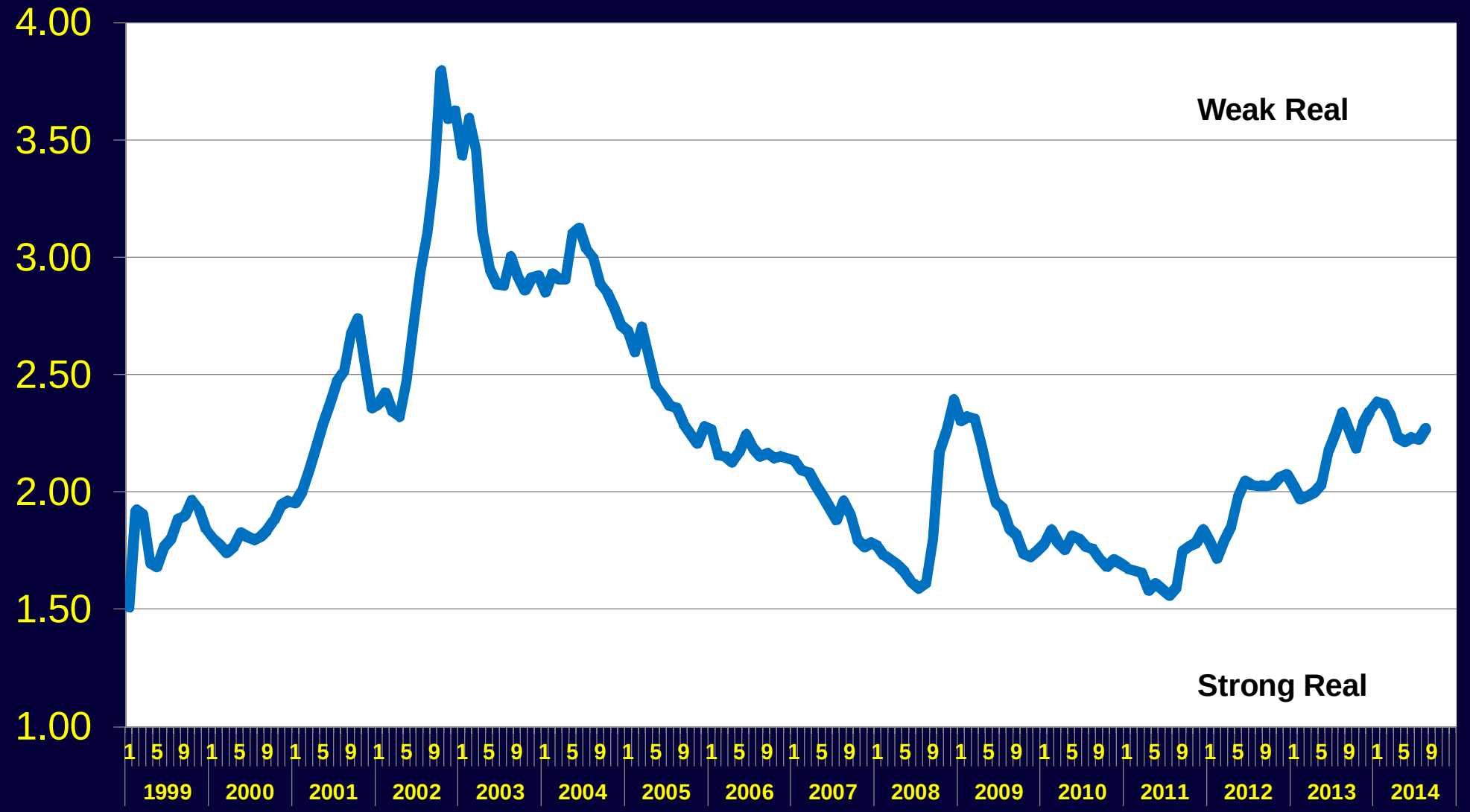
Indian Rupee vs. U.S. Dollar



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

Chart 35

Brazilian Real vs. U.S. Dollar



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