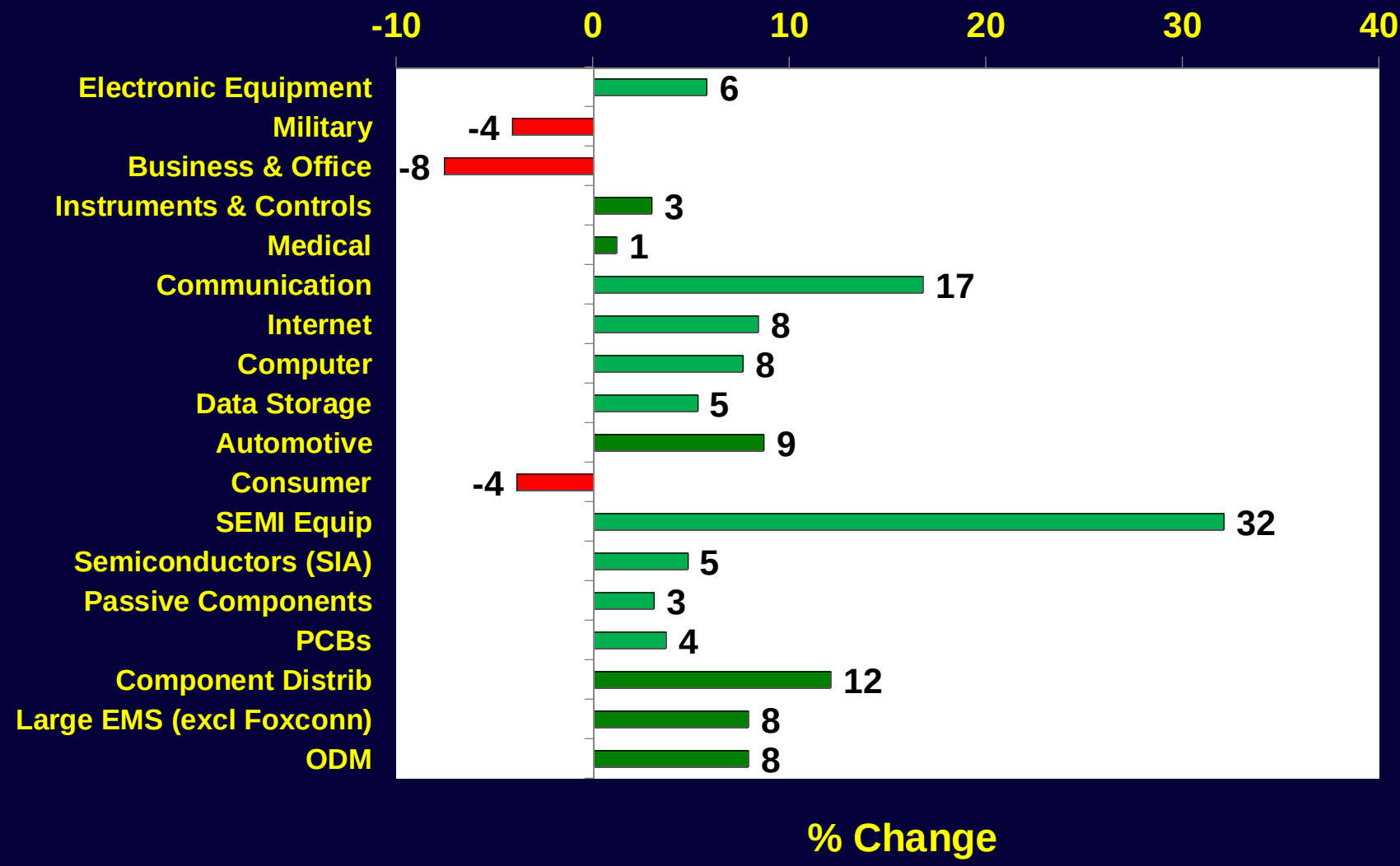
Chart 1

Global Electronic Supply Chain Growth 4Q'13 vs. 4Q'12 (Preliminary)



US$ equivalent at fluctuating exchange; based upon industry composites including acquisitions

Chart 2

World Electronic Equipment Production By Type

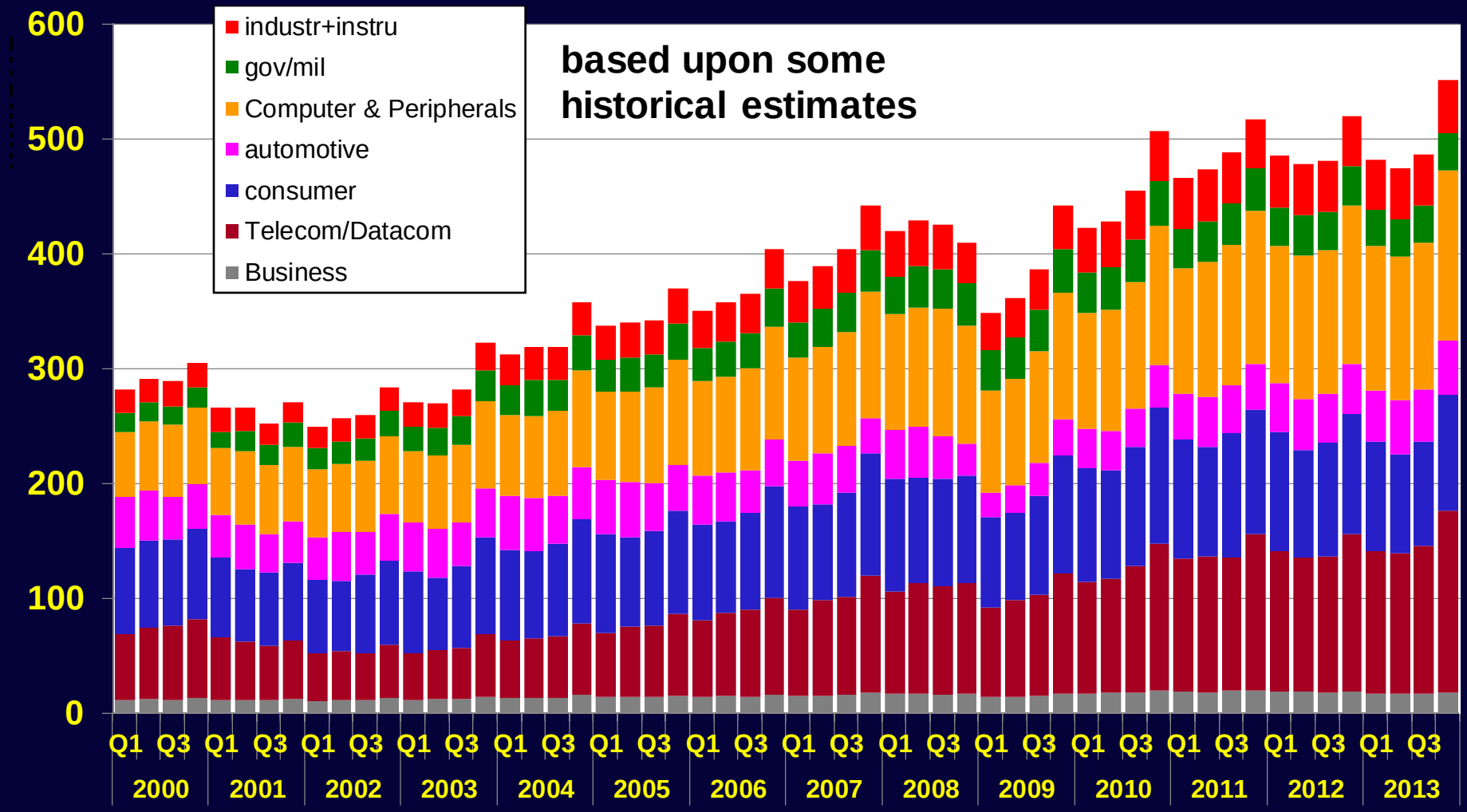
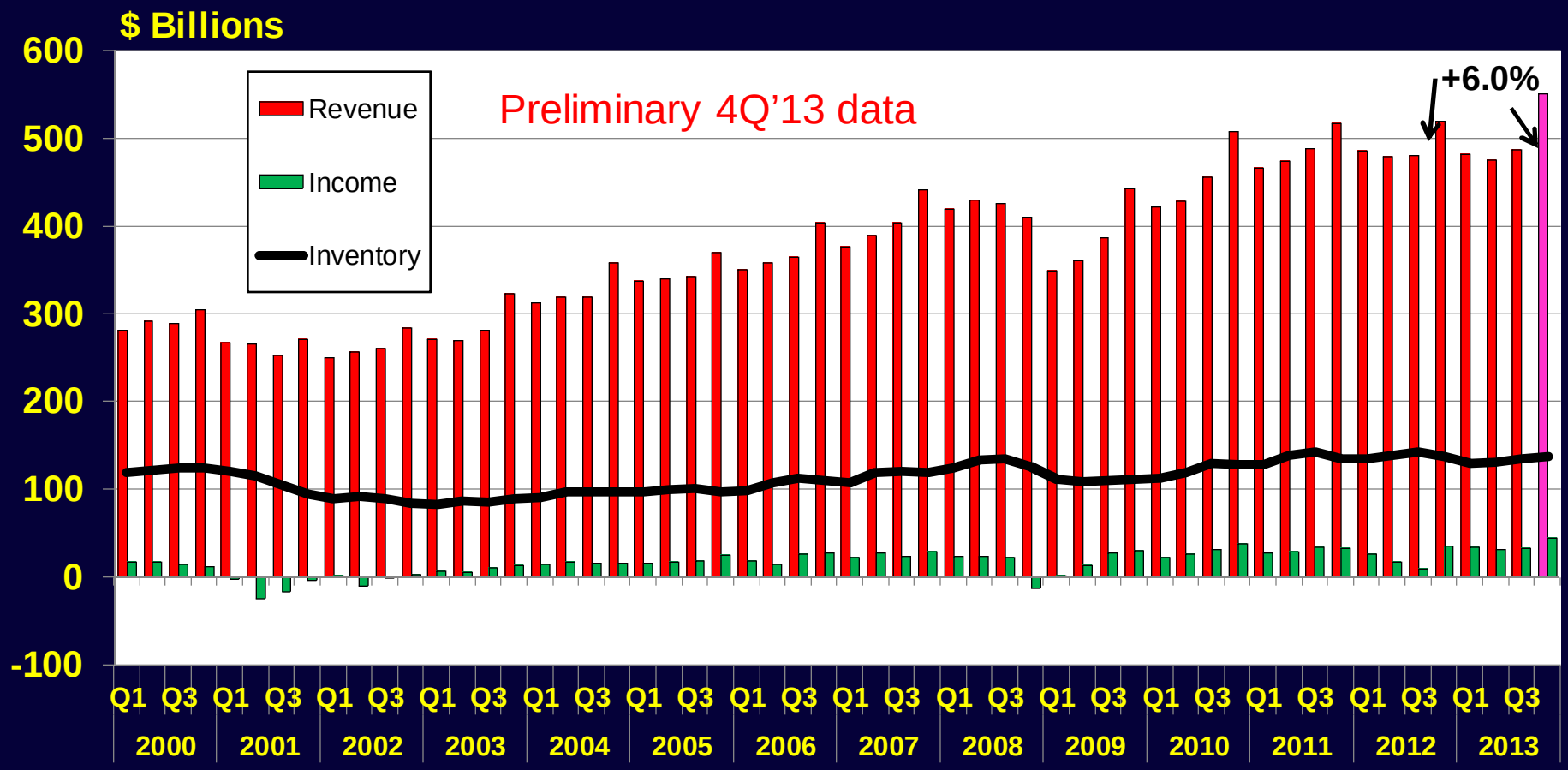


Chart 3

Electronic Equipment Suppliers
Composite of 141 Public Companies
Revenue, Net Income & Inventory

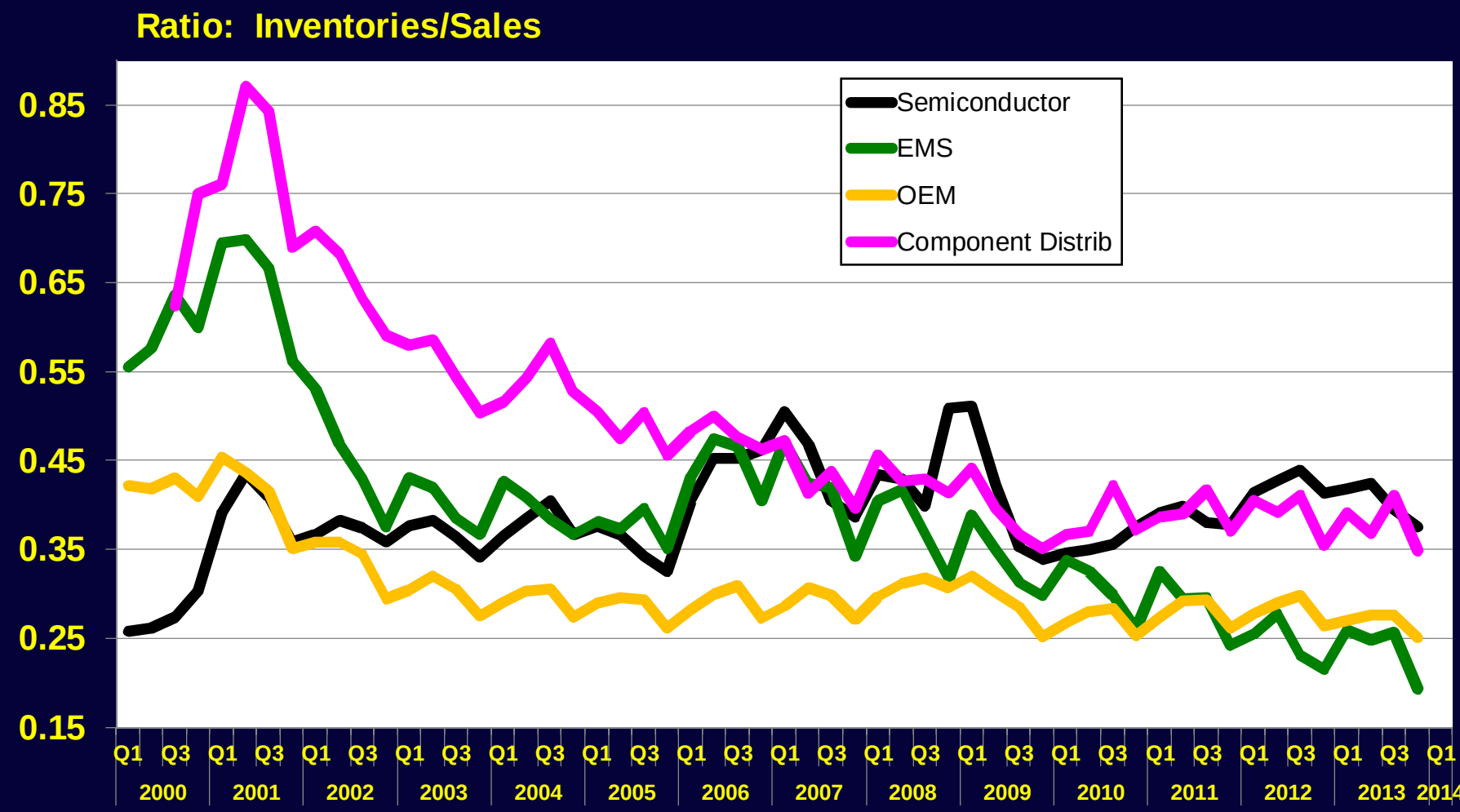


Computer 13, Internet 9, Storage 10, Communication 20, SEMI 20, Medical 23, Instruments 11, Military 6, Business & Office 3, Consumer 13, Automotive 11

Chart 4

Inventory/Sales Ratios

Large Component Distributors, Semiconductor, EMS & OEM Companies



Custer Consulting Group based upon company financials

Chart 5

Purchasing Managers' Indices
January 2014 vs. December 2013

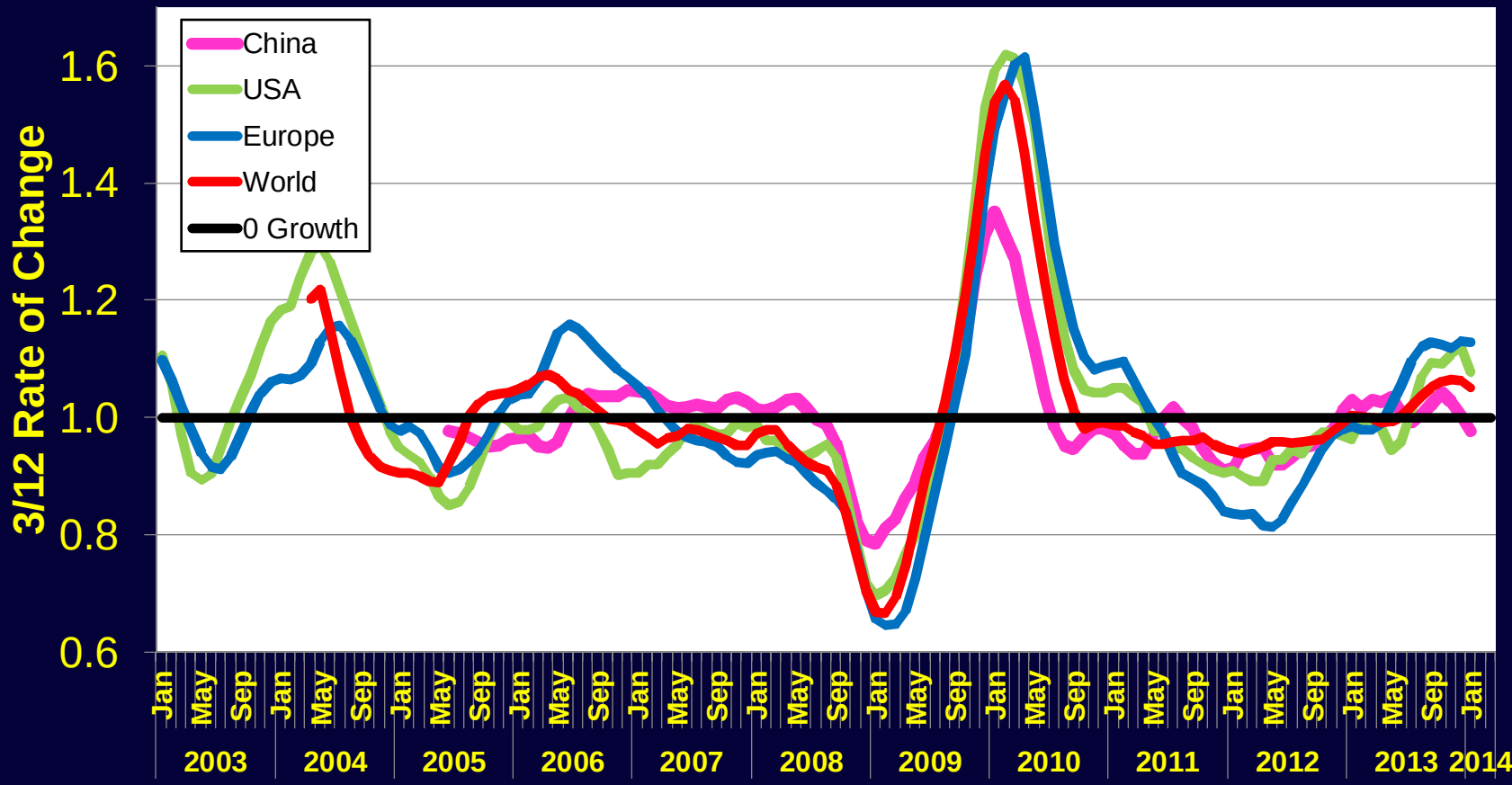


Markit Economics, JPMorgan and ISM

Chart 6

World Purchasing Managers Index

3/12 Rate of Change

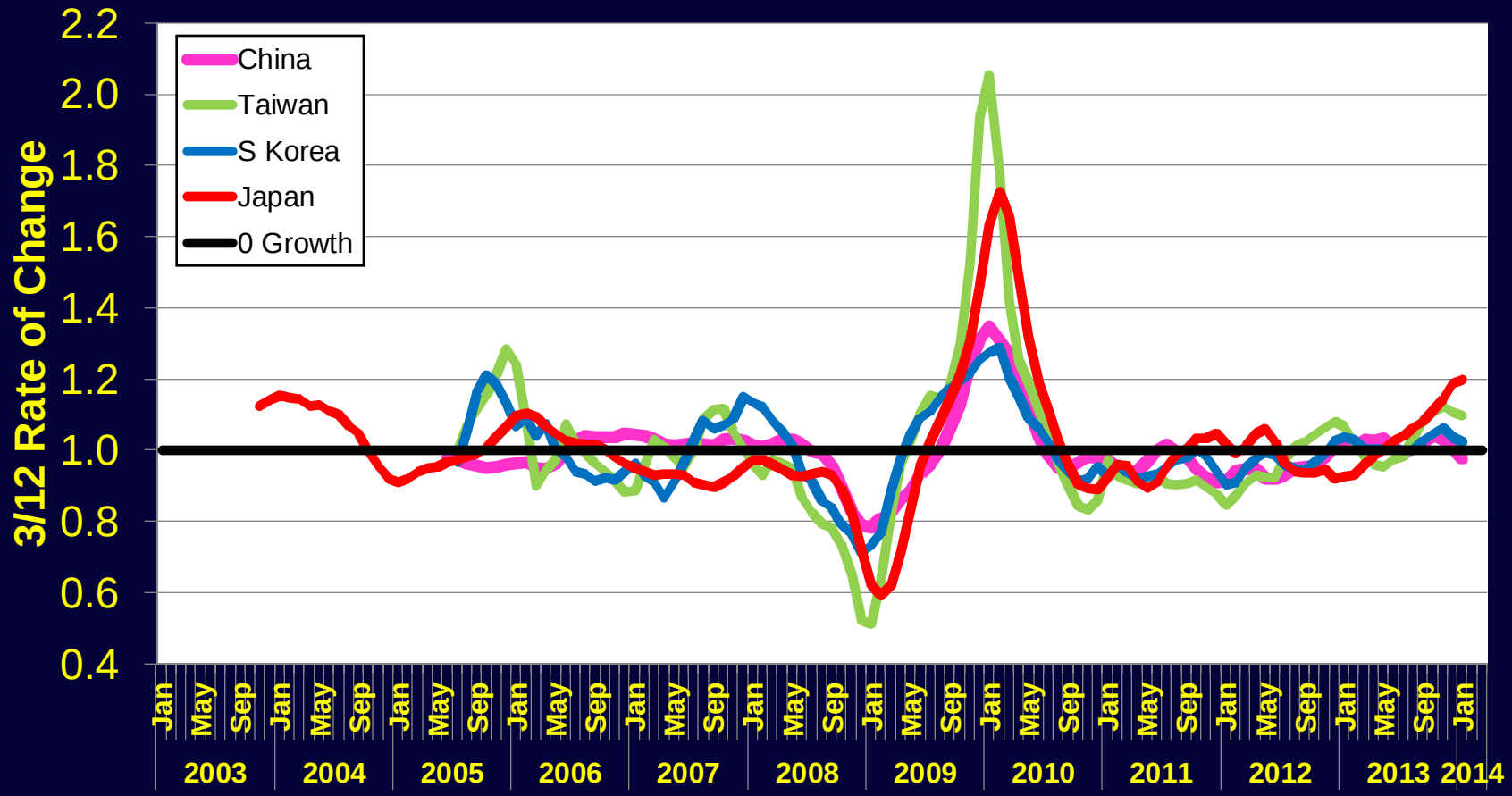


ISM, JPMorgan, Markit Economics

Chart 7

Asian Purchasing Managers Index

3/12 Rate of Change

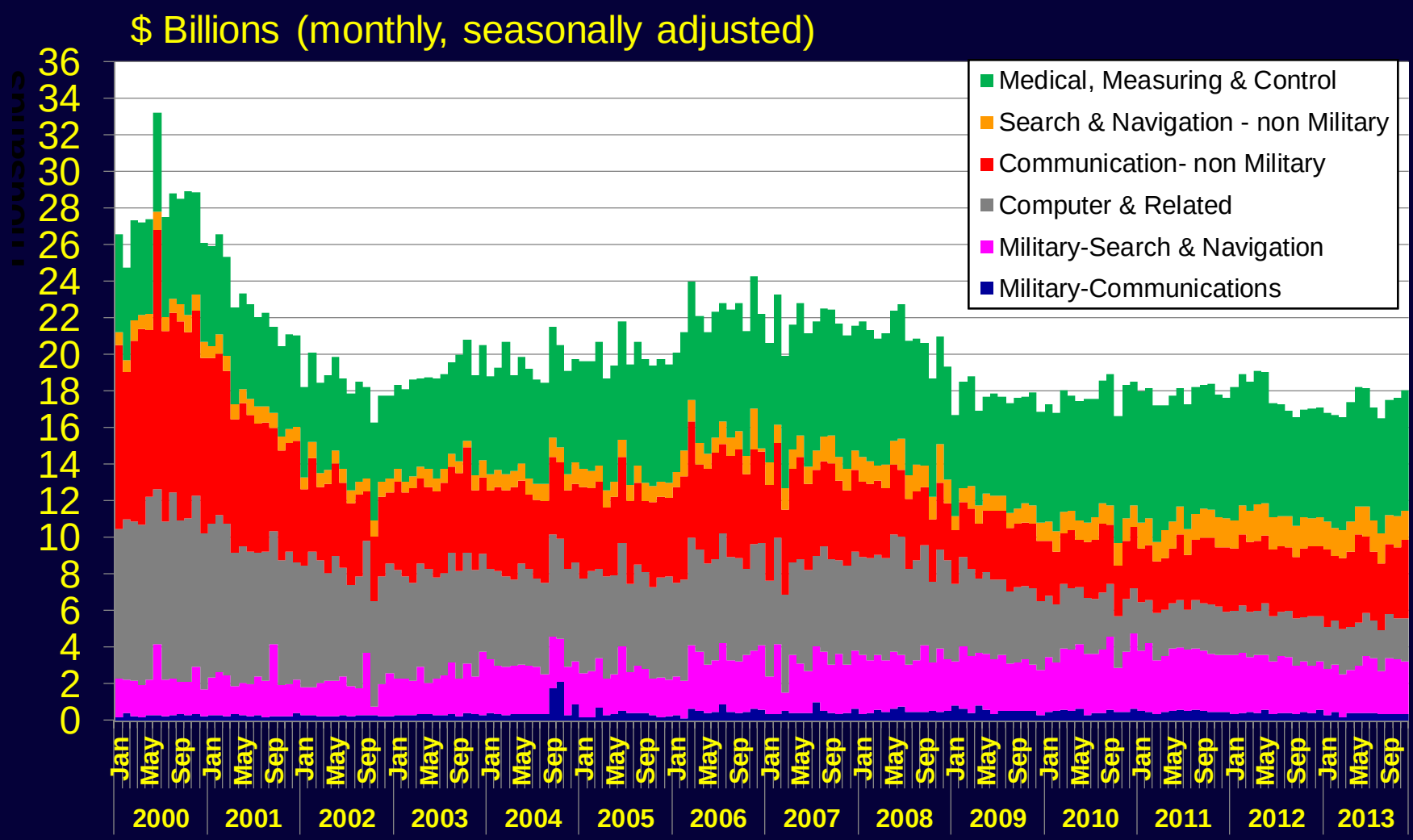


Markit Economics

Chart 8

U.S. Electronic Equipment Orders

Monthly Data

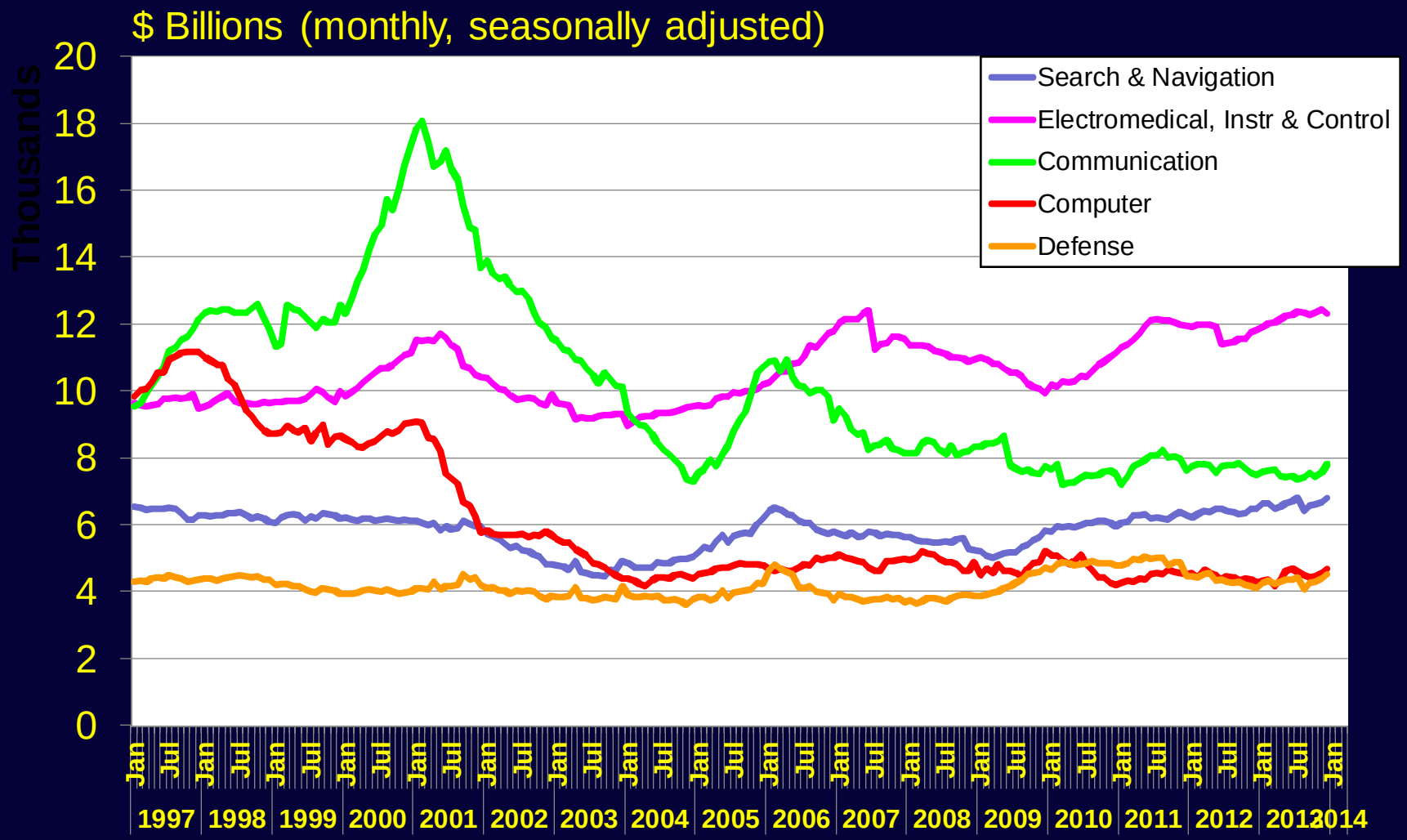


www.census.gov/indicator/www/m3/

Chart 9

U.S. Electronic Equipment Inventories

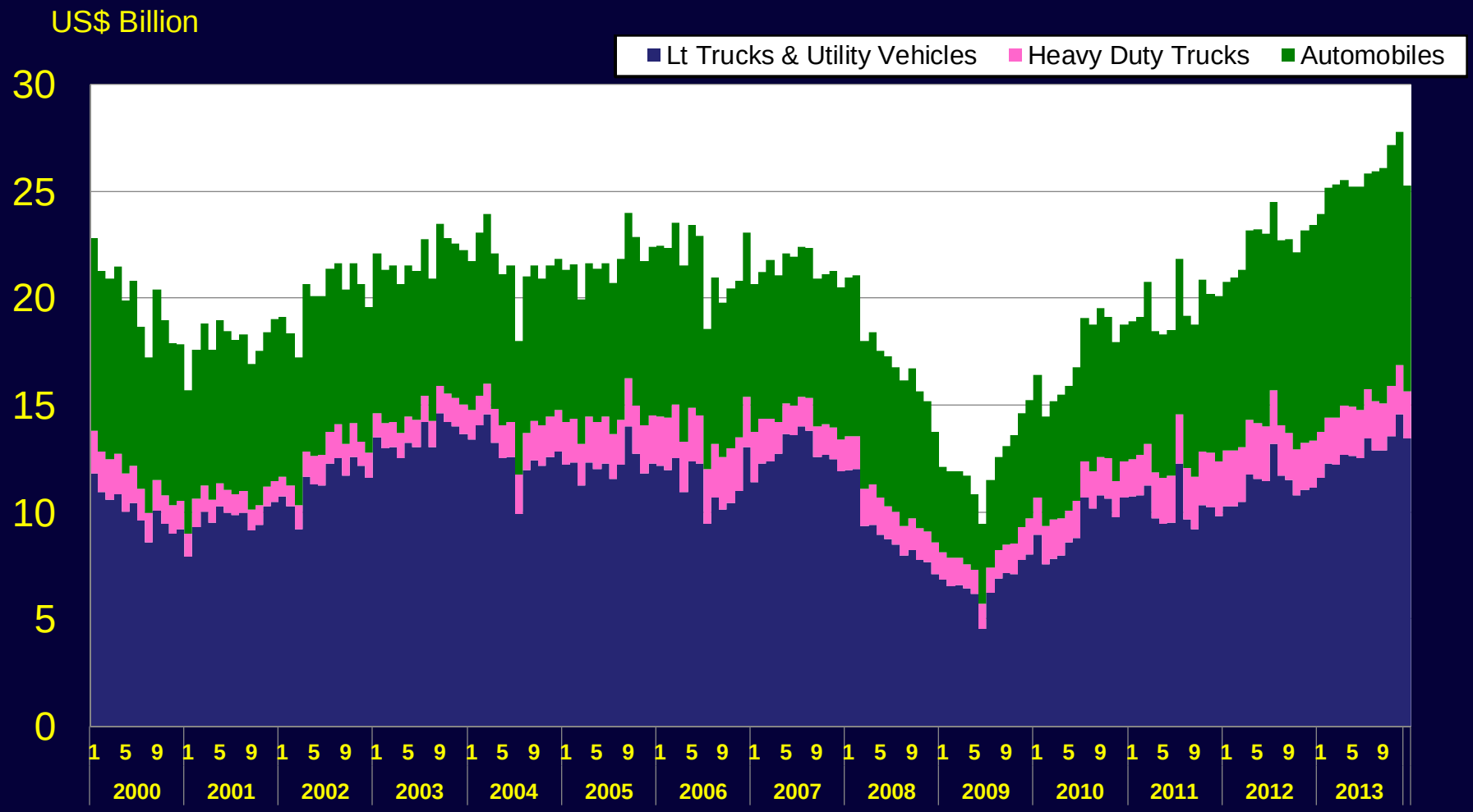
Monthly Data



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

Chart 10

U.S. Vehicle Shipments

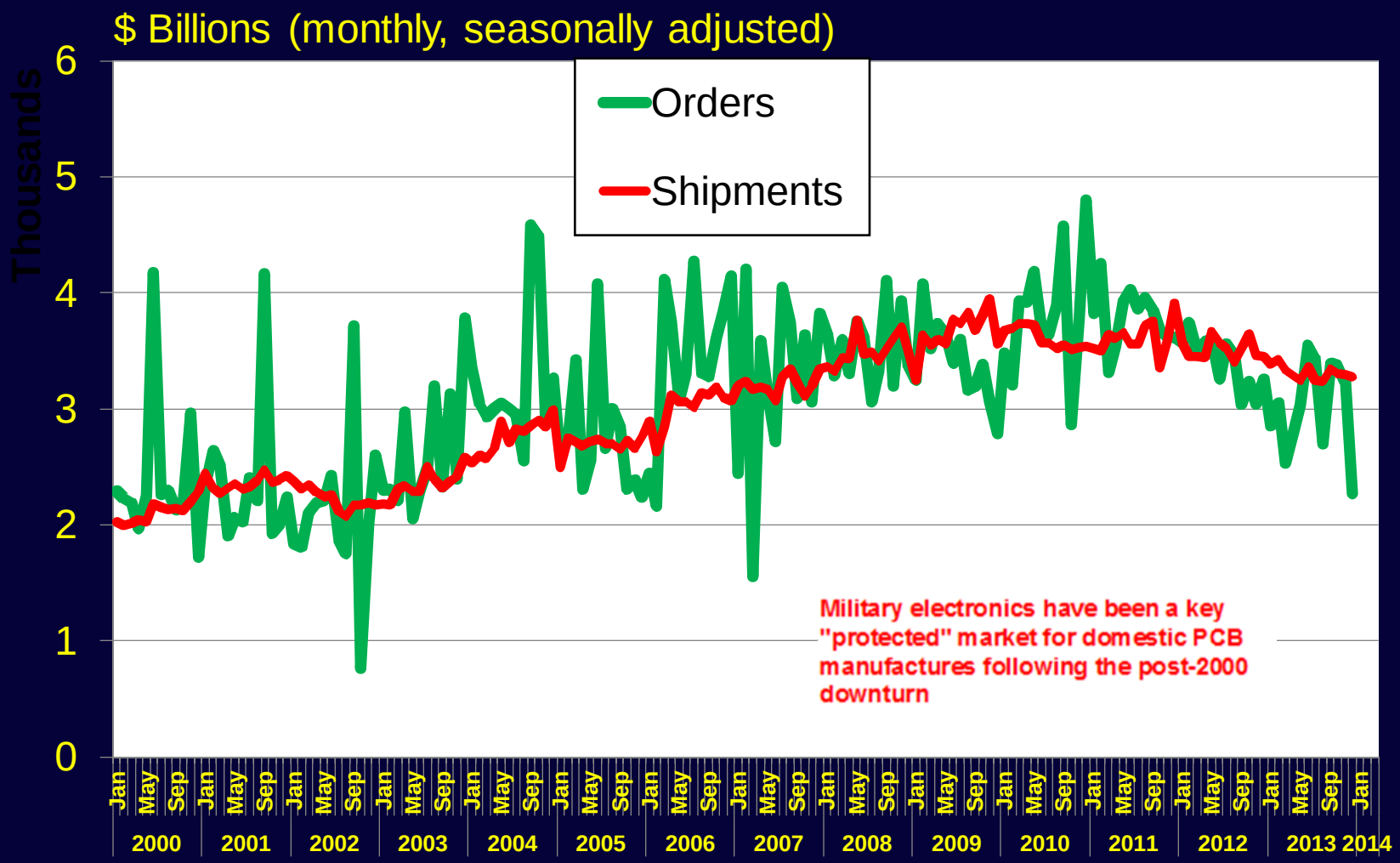


www.census.gov/indicator/www/m3

Chart 11

U.S. Military Electronics Orders & Shipments

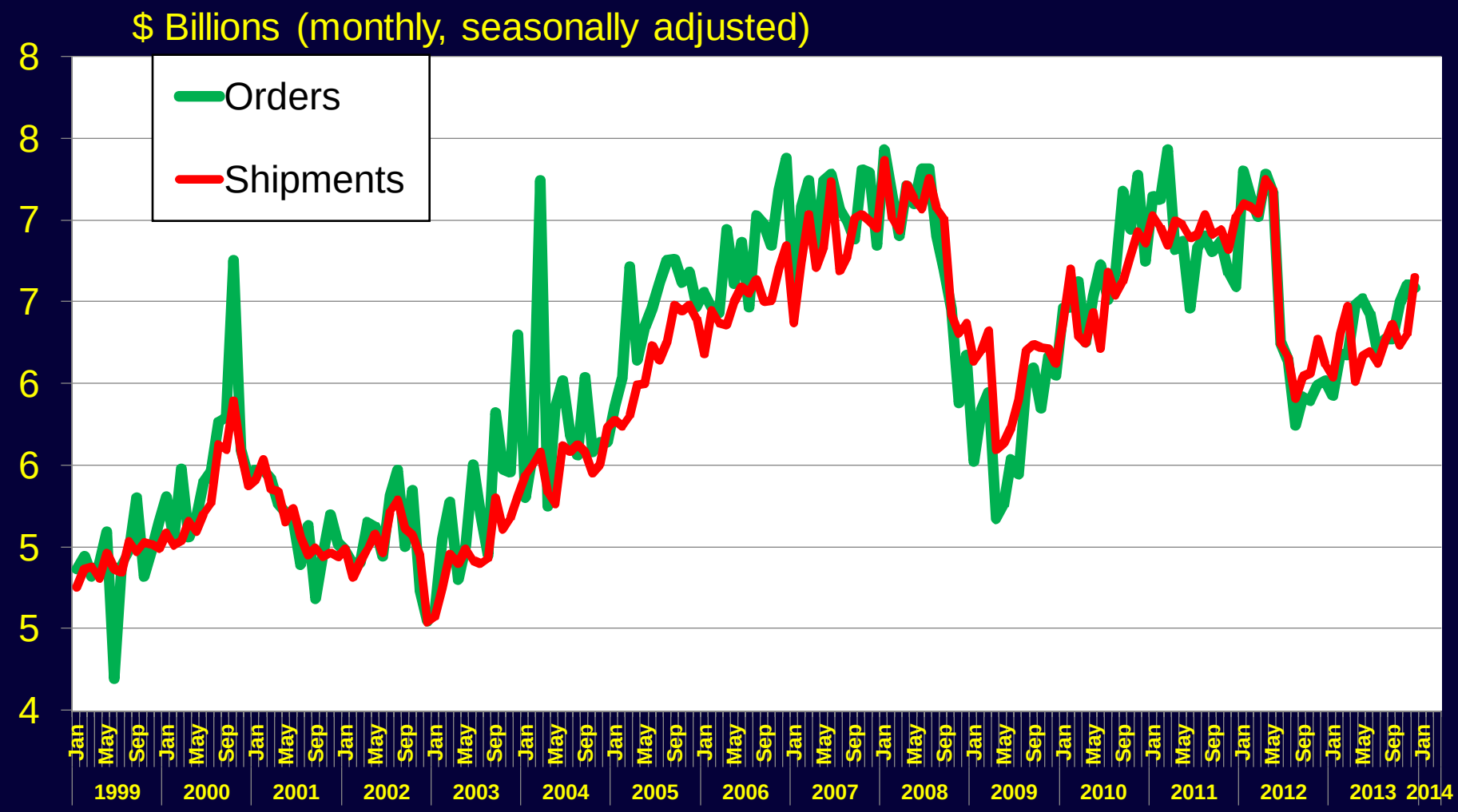
Defense Communication & Search & Navigation Equipment



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

Chart 12

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



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

Chart 13

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

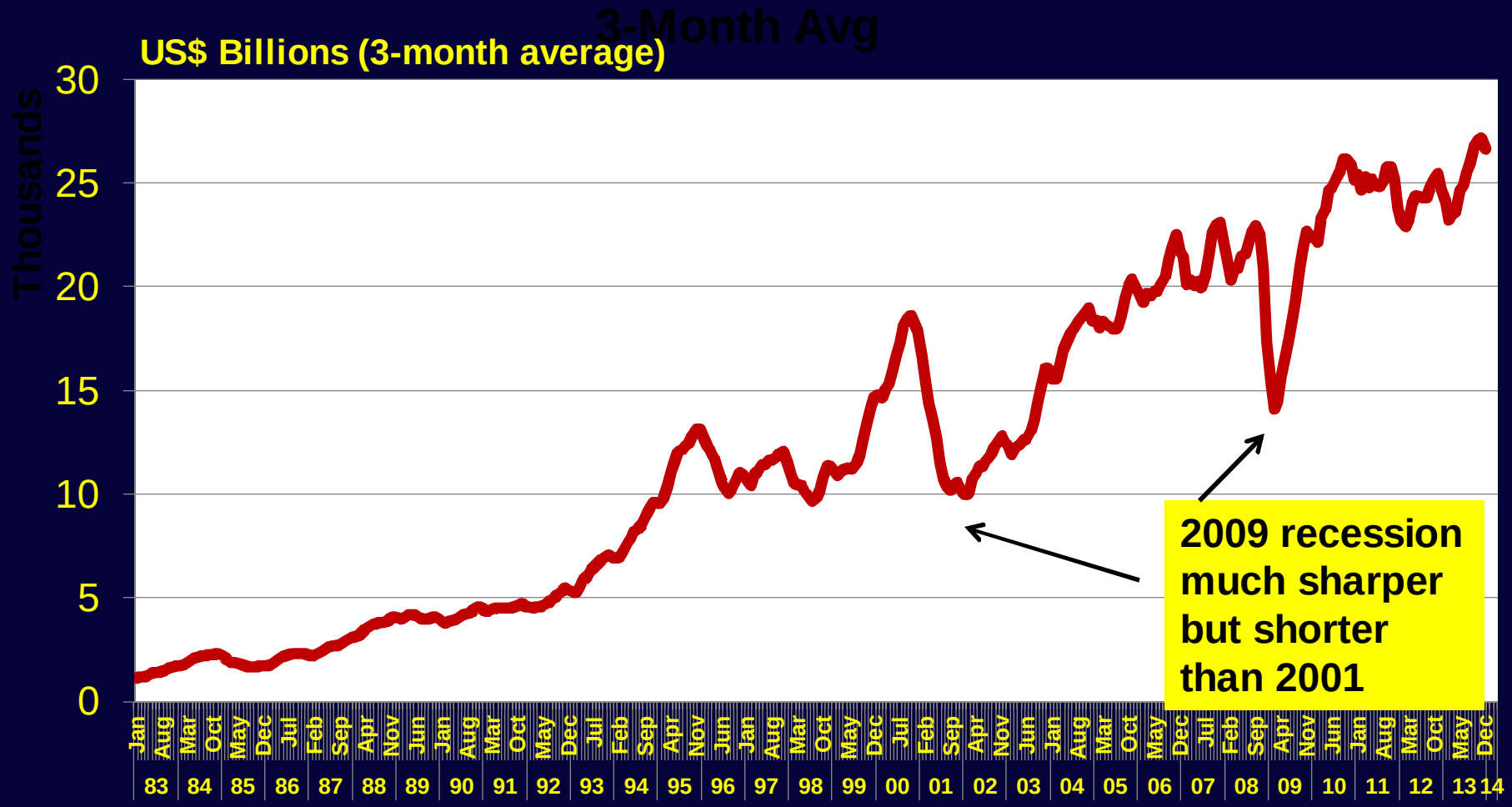
	Latest Month	Annual Growth	3-Month Growth
Electronic Component $			
Rigid & Flex PCB Orders (N Amer)	12/13	98.9	97.2
Rigid & Flex PCB Shipments (N Amer)	12/13	98.1	103.2
Electronic Component Orders	12/13	97.2	97.1
Electronic Component Shipments	12/13	97.7	100.5
Semiconductor Shipments to N America	12/13	113.1	117.3
U.S. Electronic Equipment Orders $			
Computer & Related	12/13	92.1	92.3
Communication	12/13	106.6	103.1
Medical, Measurement & Control	11/13	97.8	109.9
Search & Navigation	11/13	91.8	98.6
Defense Capital Goods	12/13	80.2	64.6
Military Electronics	12/13	88.7	93.0
Total Electronic Equipment	12/13	97.5	102.8
U.S. Industrial Production	12/13	102.6	103.6

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

Chart 14

World Semiconductor Shipments

Monthly US$

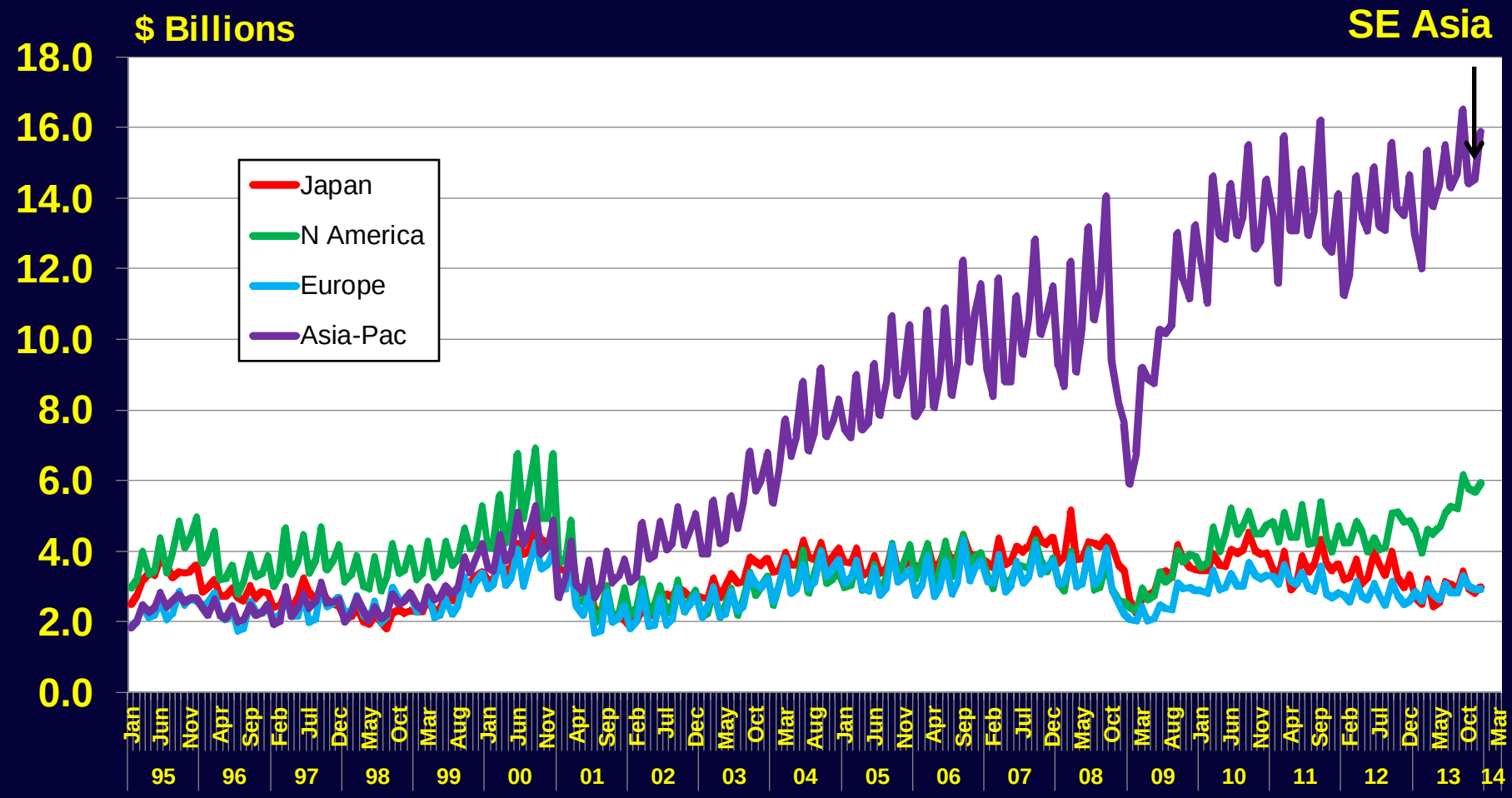


SIA

Chart 15

Total Semiconductor Shipments to an Area

Monthly Shipments - Reporting Firms



SIA website: www.sia-online.org/

Chart 16

Monthly Semiconductor Shipments
$ Billions (3-month average)

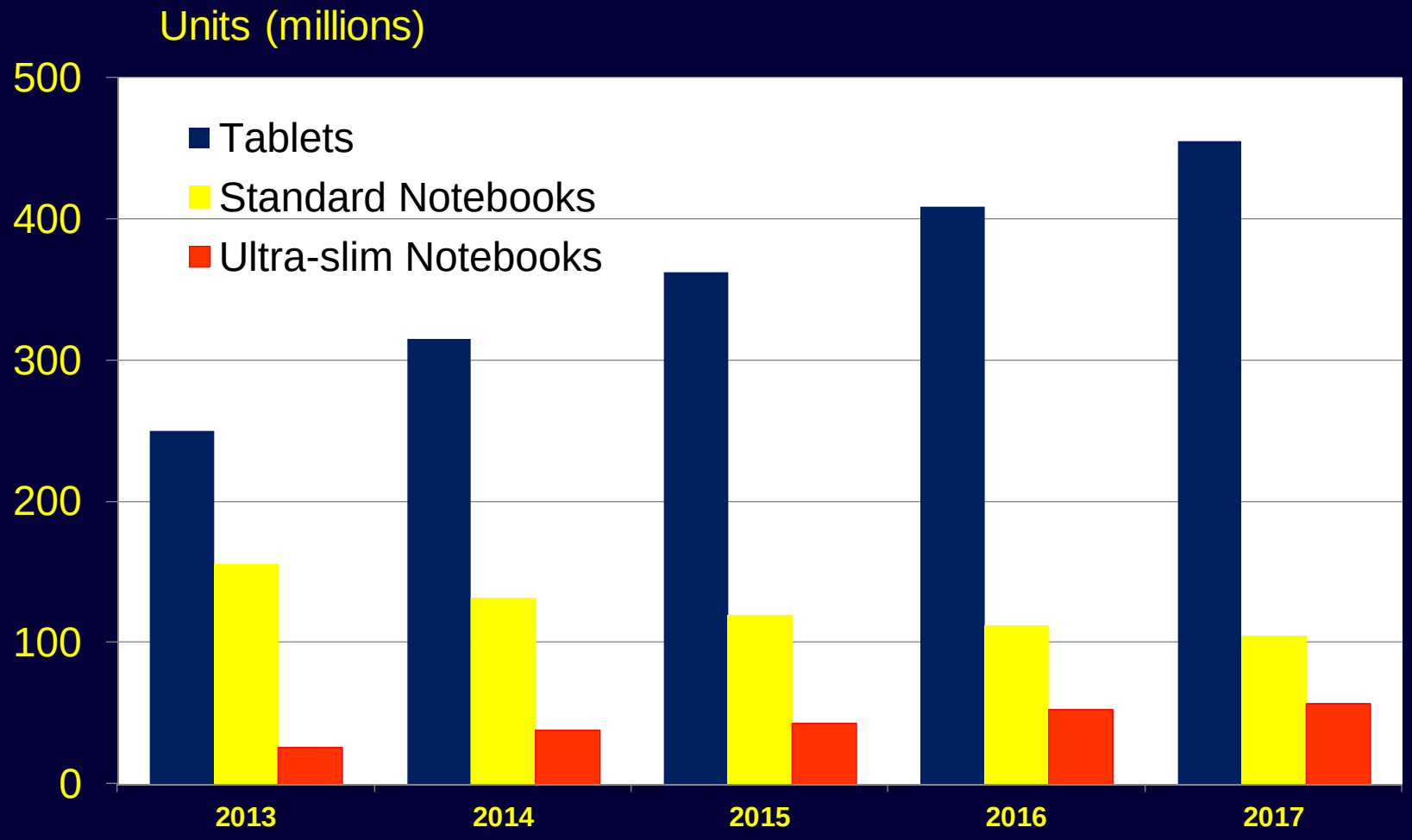
	12/12	12/13	% CH
Americas	4.94	5.80	+17.3%
Europe	2.63	2.96	+12.7%
Japan	3.19	2.93	- 8.2%
Asia Pacific	13.98	14.96	+ 7.1%
Total	24.74	28.65	+ 7.7%

SIA www.sia-online.org/

Chart 17

World Mobile Computer Shipments

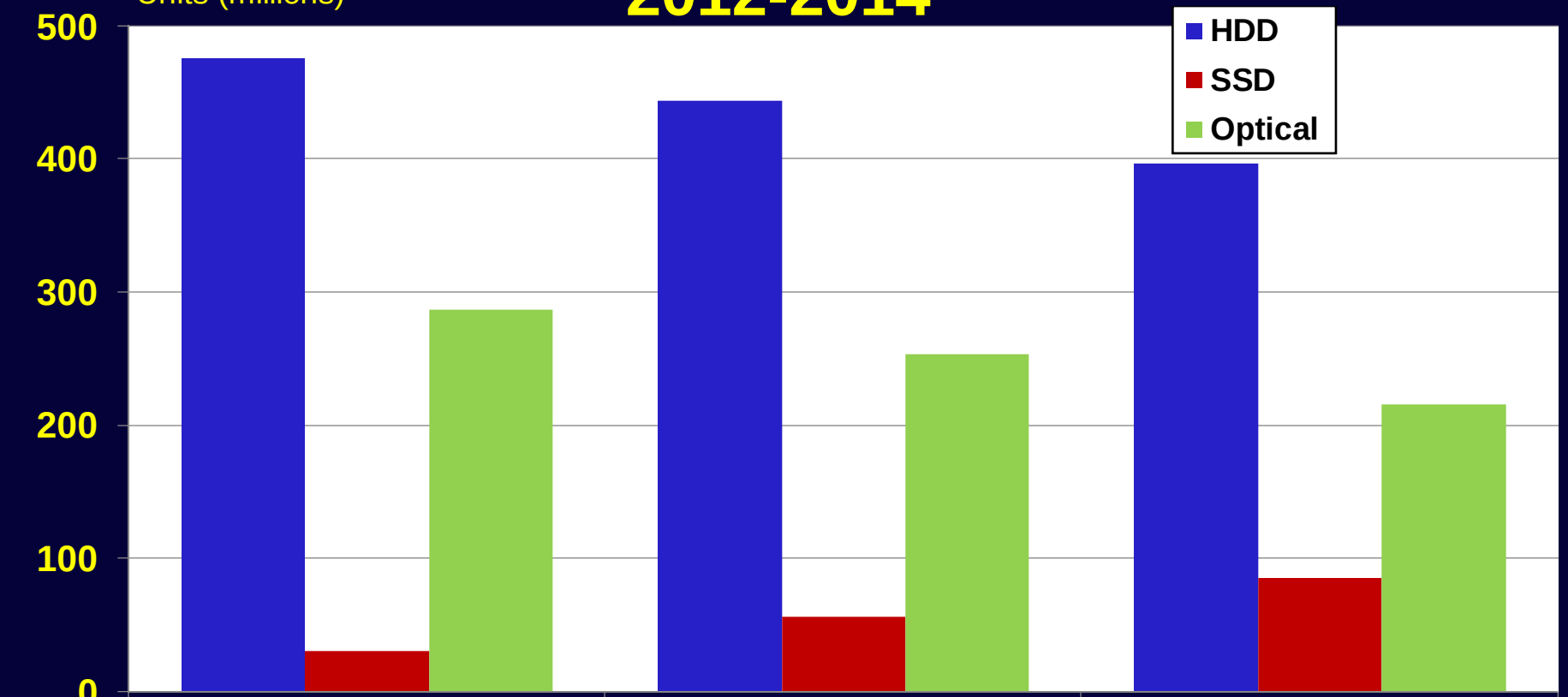
Tablets, Standard Notebook PCs & Ultra-slim Notebook PCs



NPD Displaysearch 2/14

Chart 18

Computer Storage
Hard, Solid State & Optical Drives
2012-2014

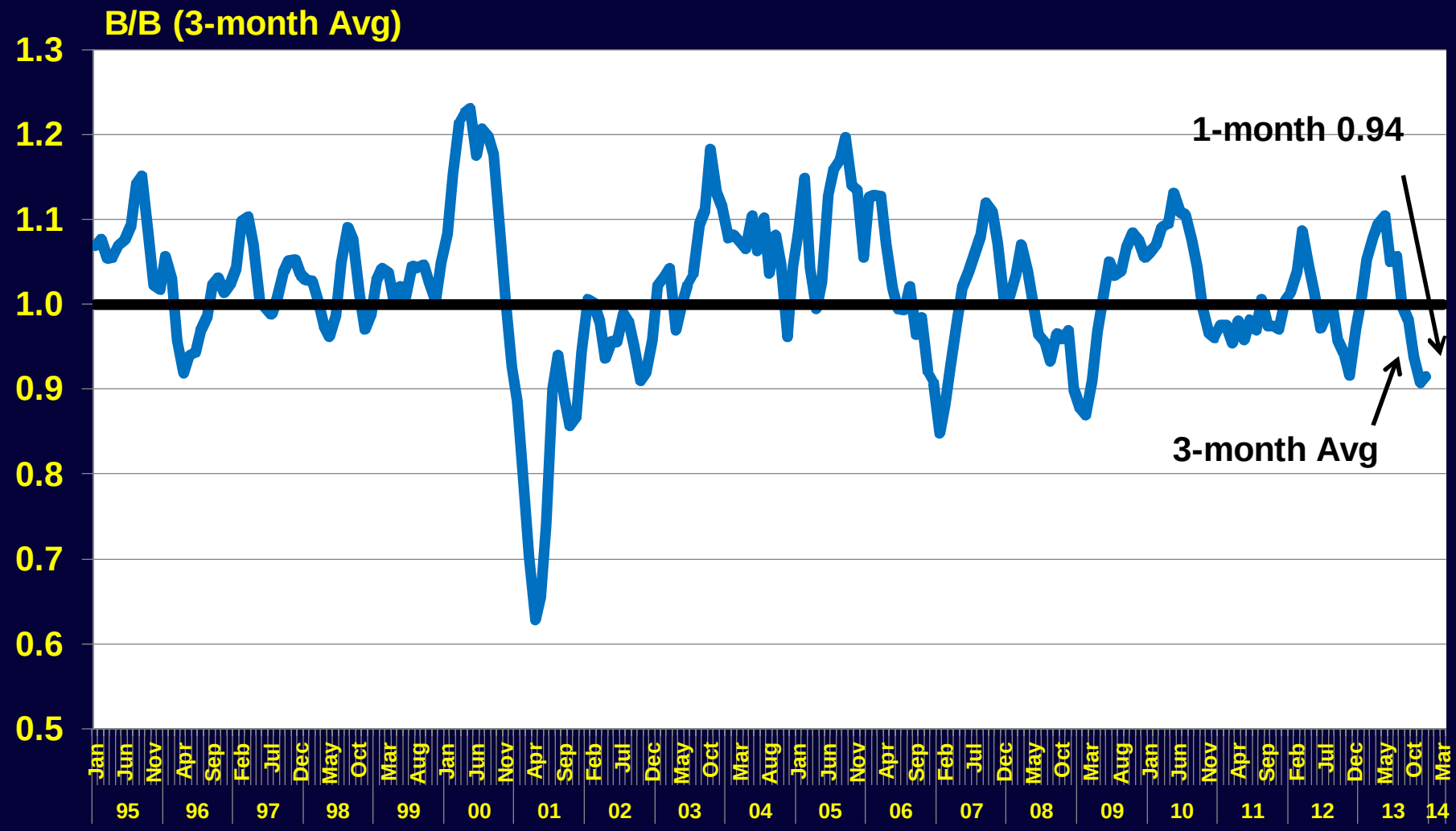


	2012	2013	2014
HDD	476	444	397
SSD	31	57	86
Optical	287	254	216

IHS iSuppli 2/14

Chart 19

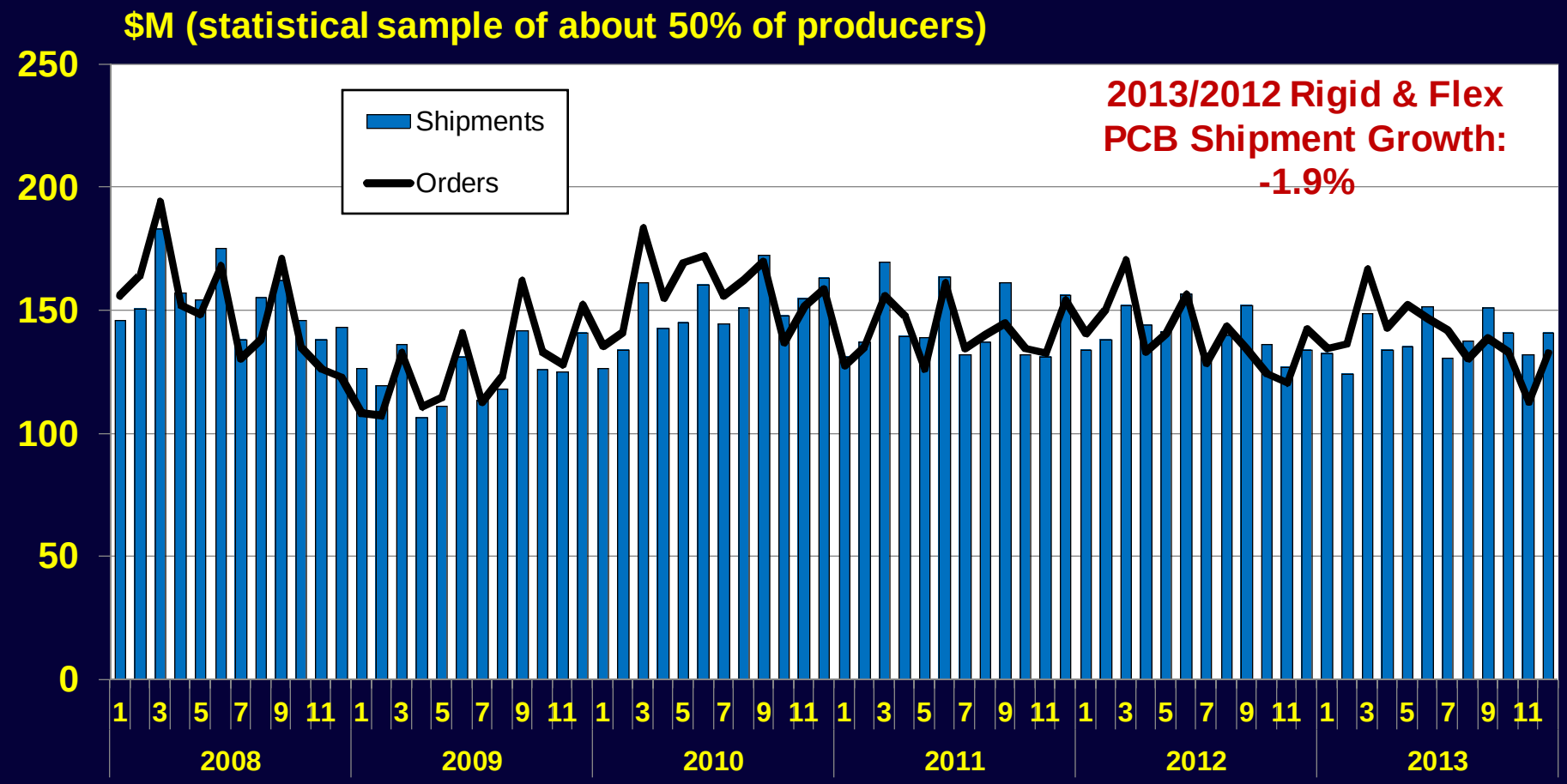
Rigid & Flexible PCB Book/Bill
N. America



IPC

Chart 20

N American Rigid & Flexible PCB Shipments & Orders

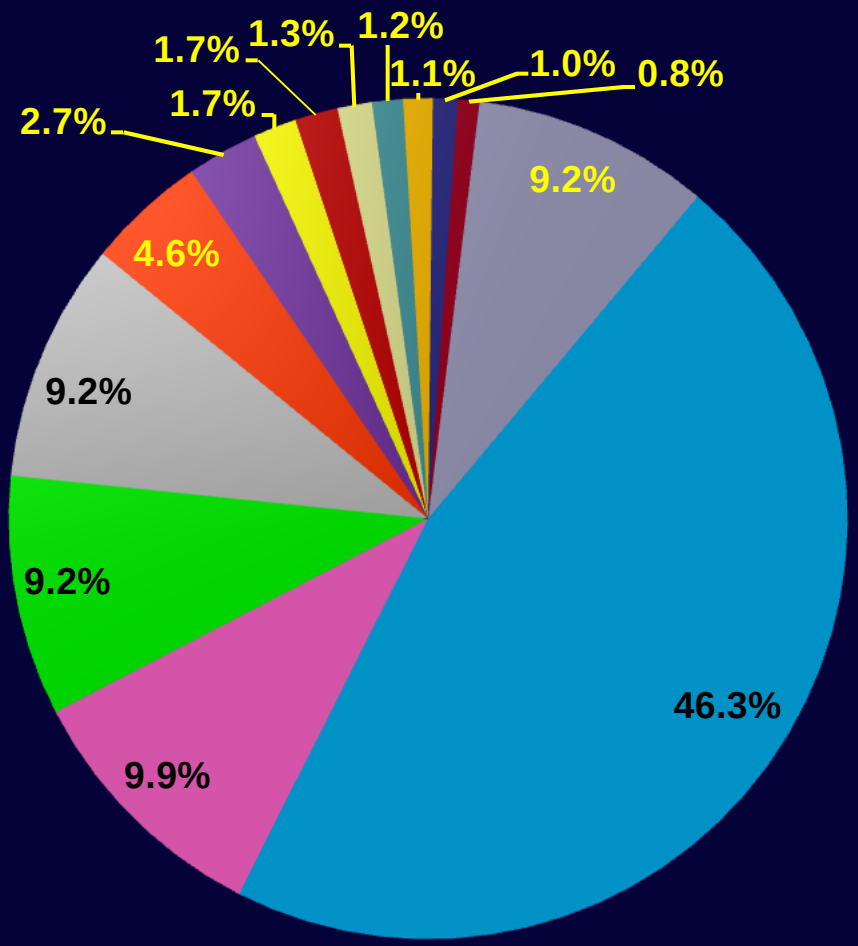


Note: IPC survey captures "market" not domestic production. About 15% of the above represents imported boards resold by N American PCB producers in survey.

IPC

Chart 21

World Semiconductor Foundry Sales - 2013



2013 Total: $42,840 million

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