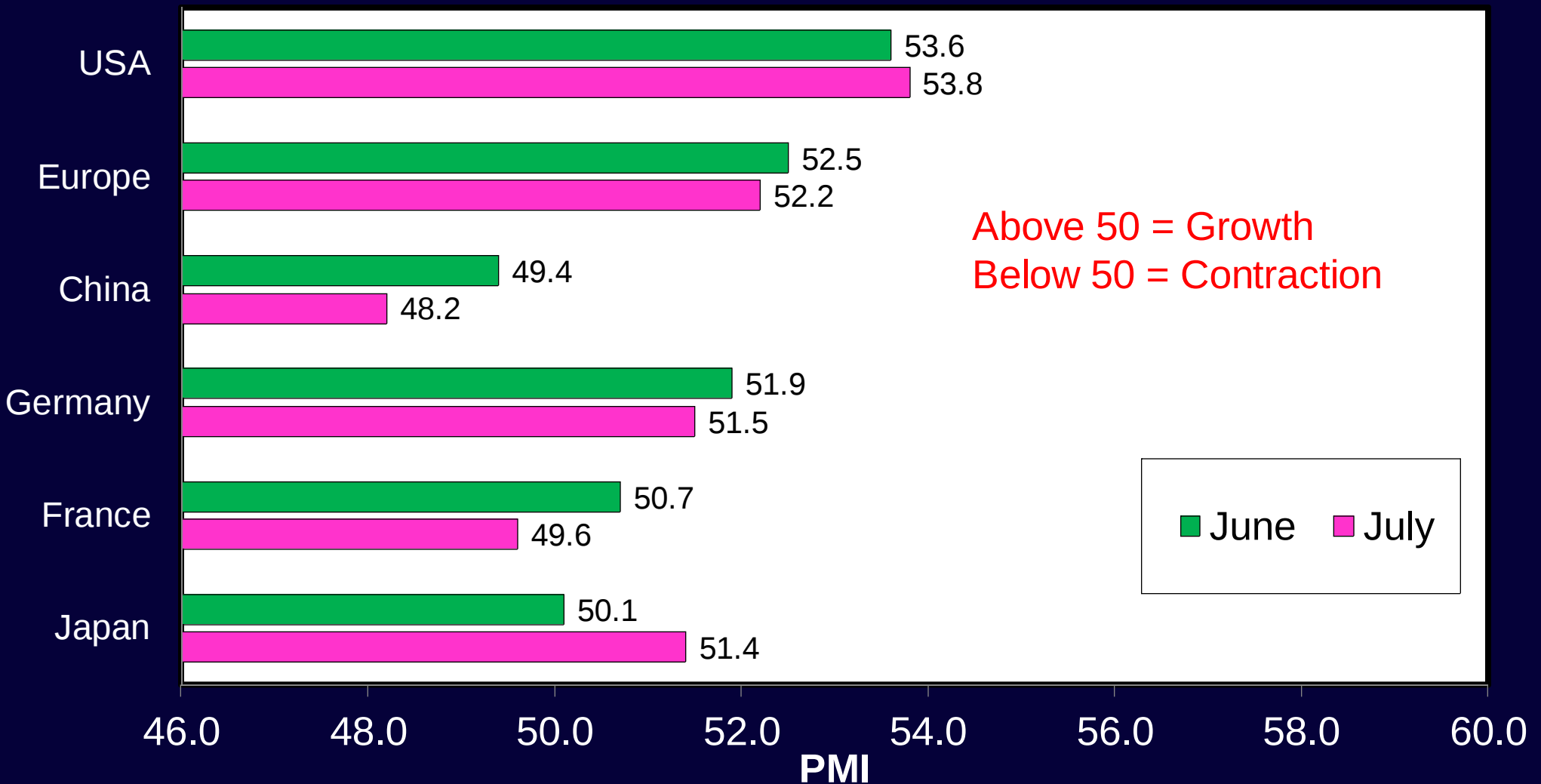


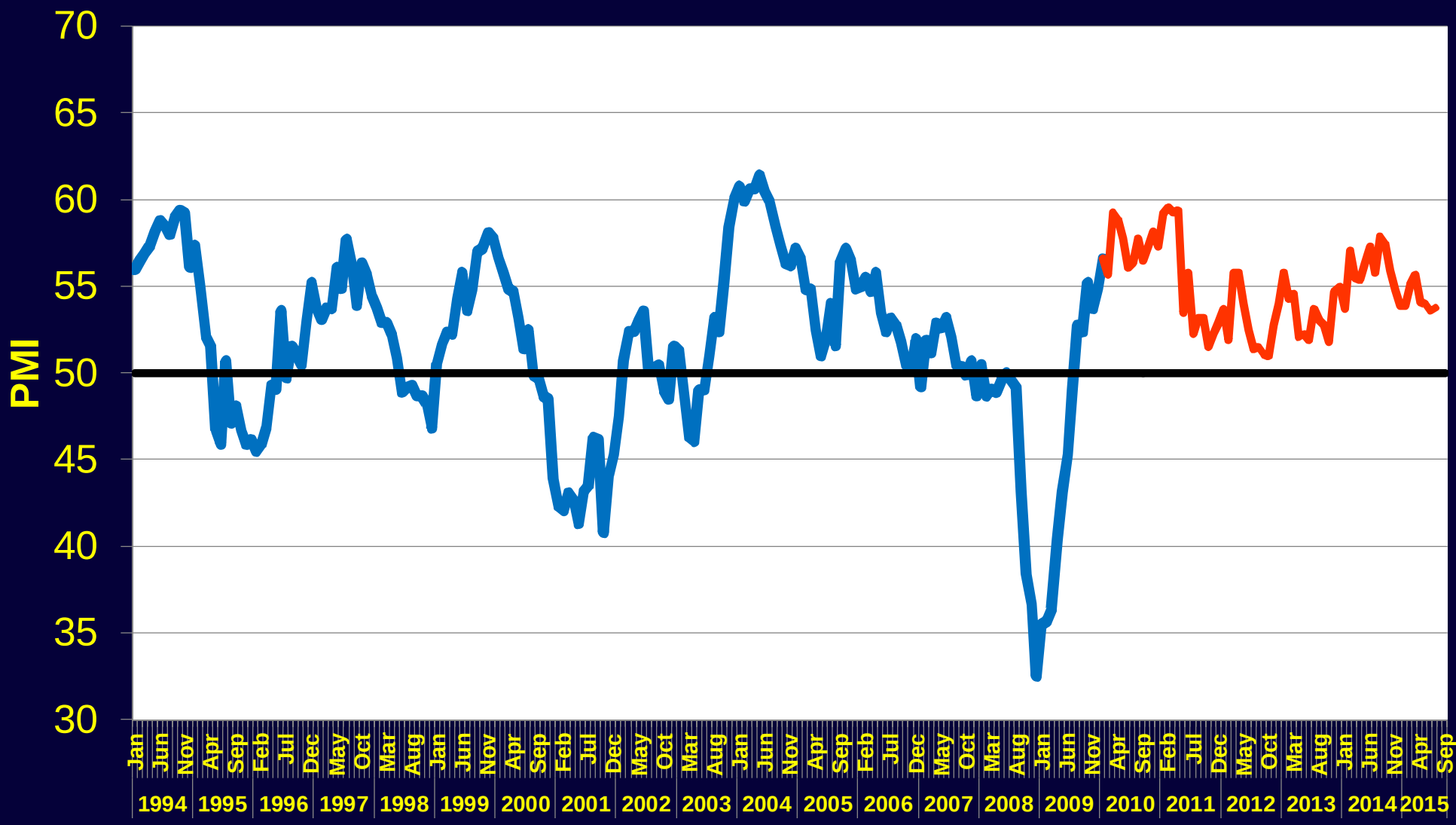
Purchasing Managers' Indices July (preliminary) vs. June 2015



U.S "Purchasing Managers" Index

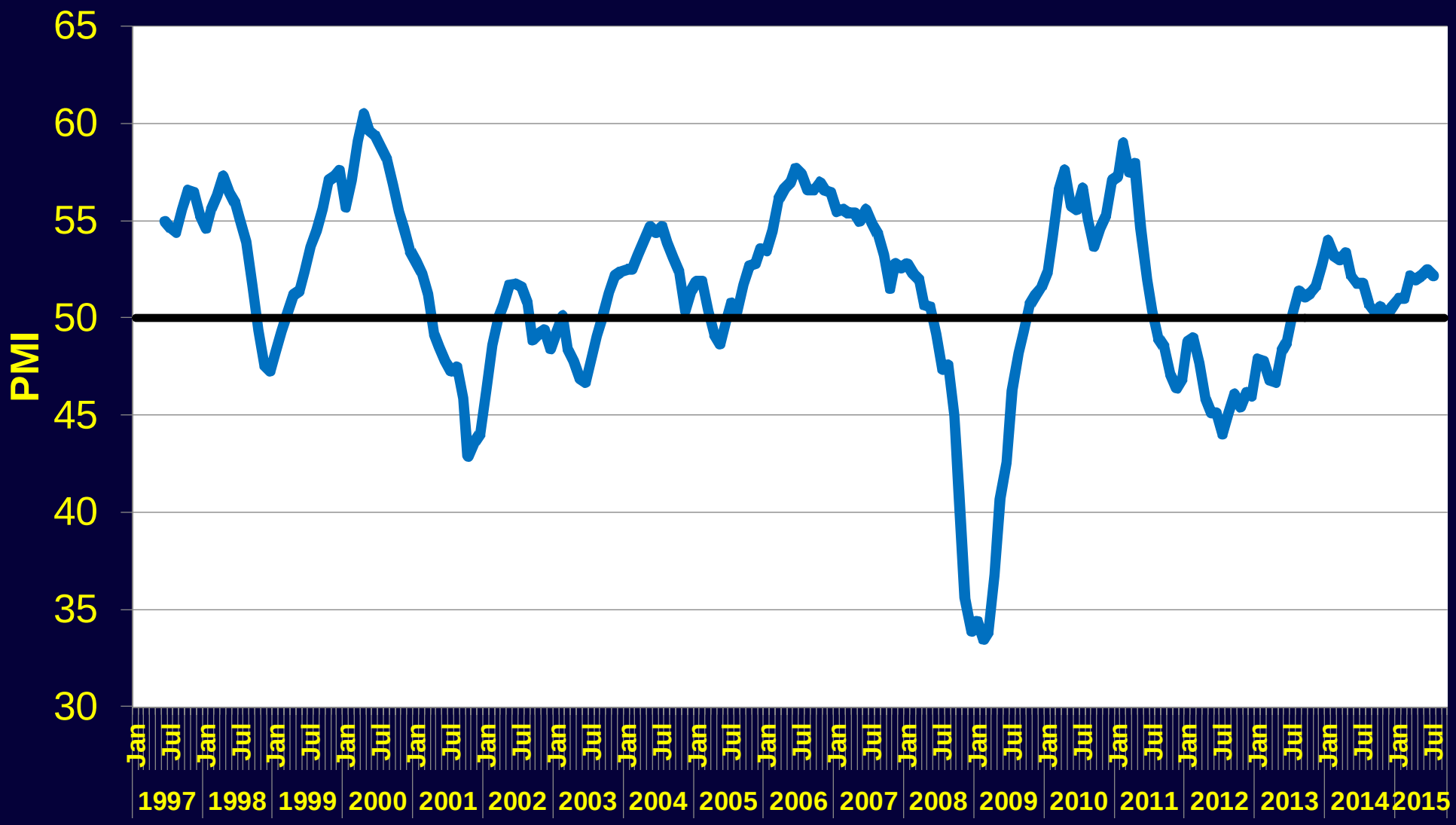
Markit Economics

Diffusion Index, >50 = Growth



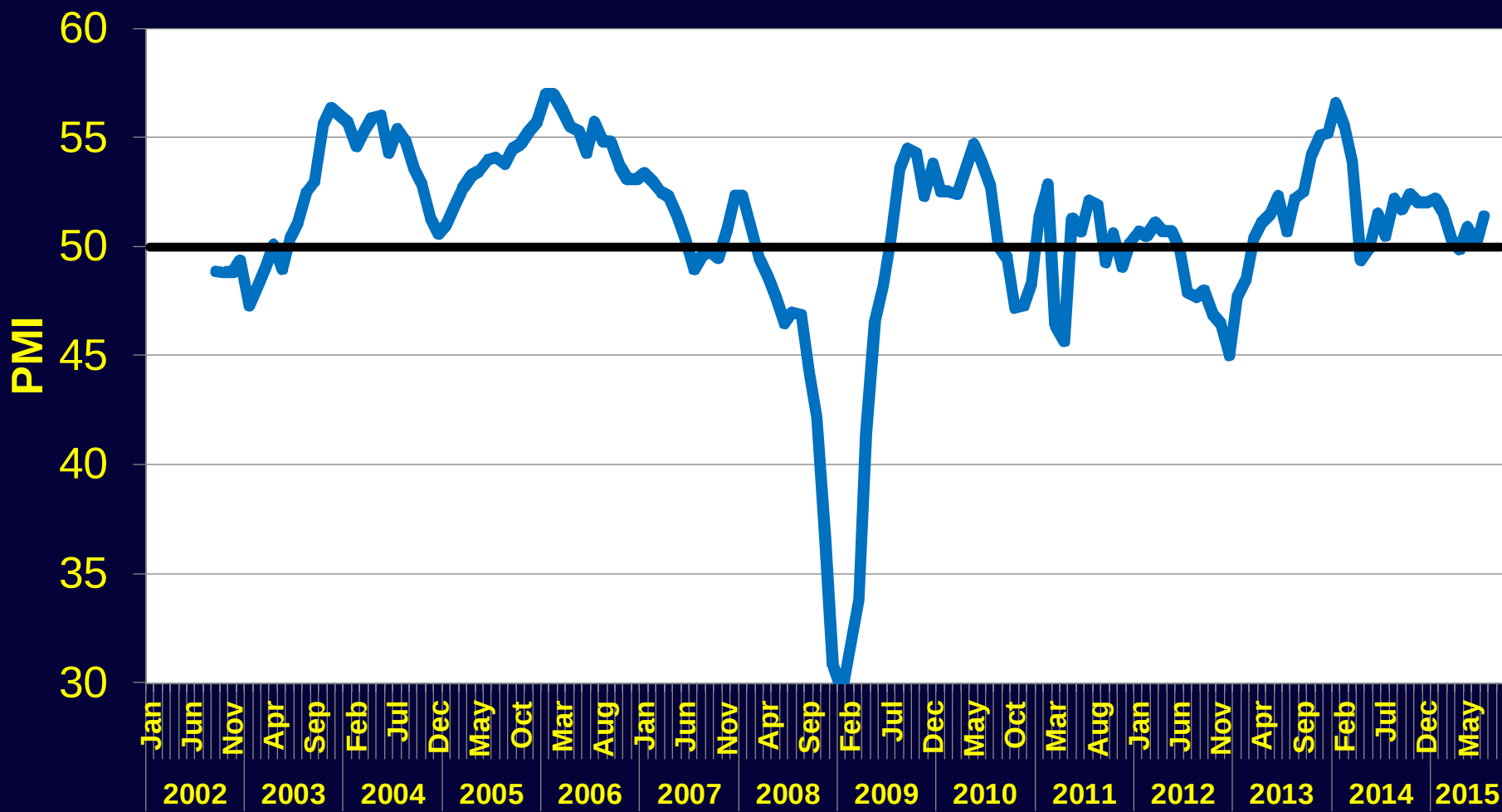
Eurozone "Purchasing Managers" Index

Diffusion Index, >50 = Growth



Japan "Purchasing Managers" Index

Diffusion Index, >50 = Growth



China "Purchasing Managers" Index

Diffusion Index, >50 = Growth

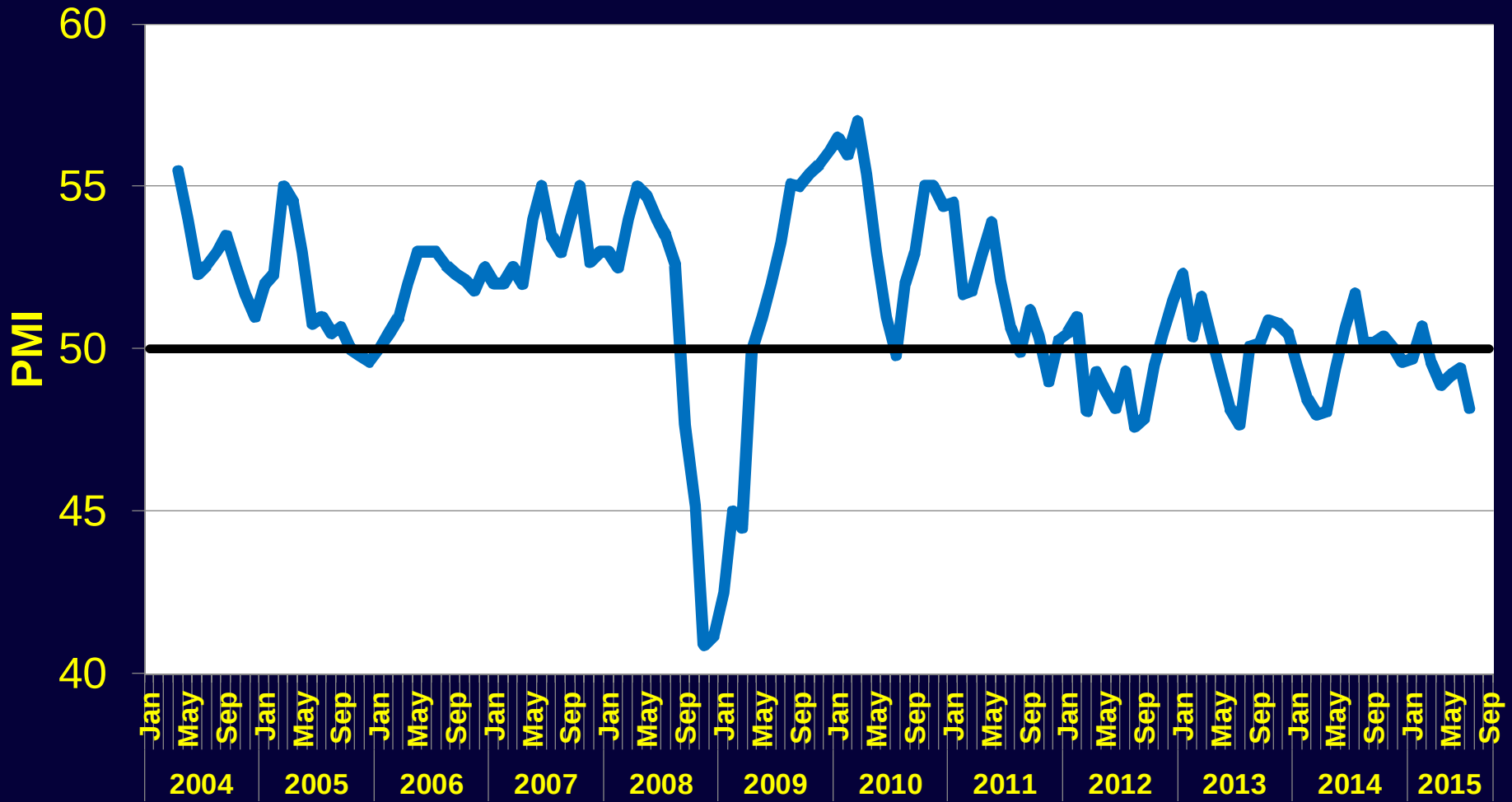
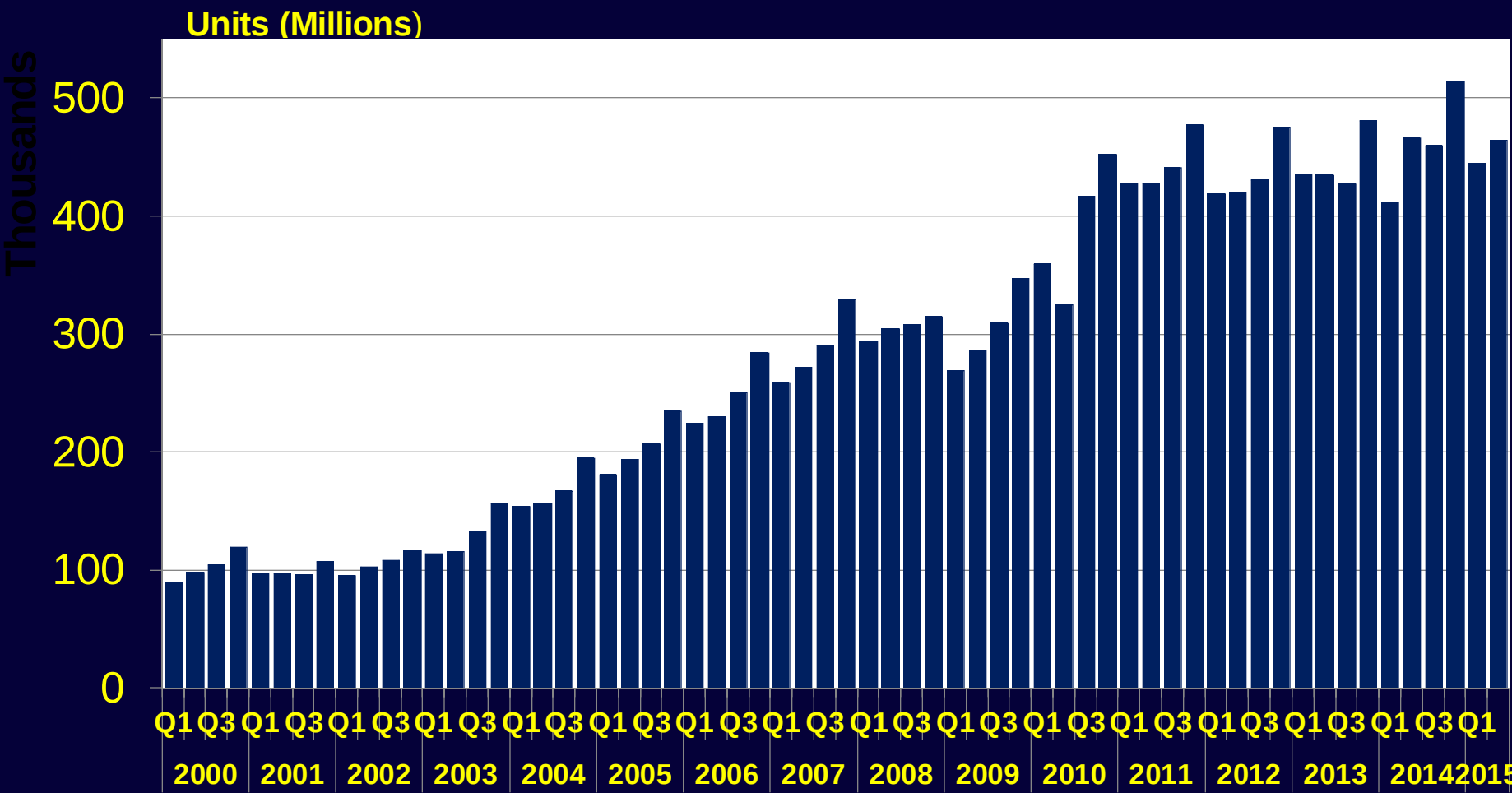


Chart 6

Mobile Phone Unit Shipments

World

Units



Gartner Dataquest 12/14 & prior reports; Strategy Analytics, IDC 2Q'14 & 2Q'15

Smartphone Unit Shipments to End Users

World

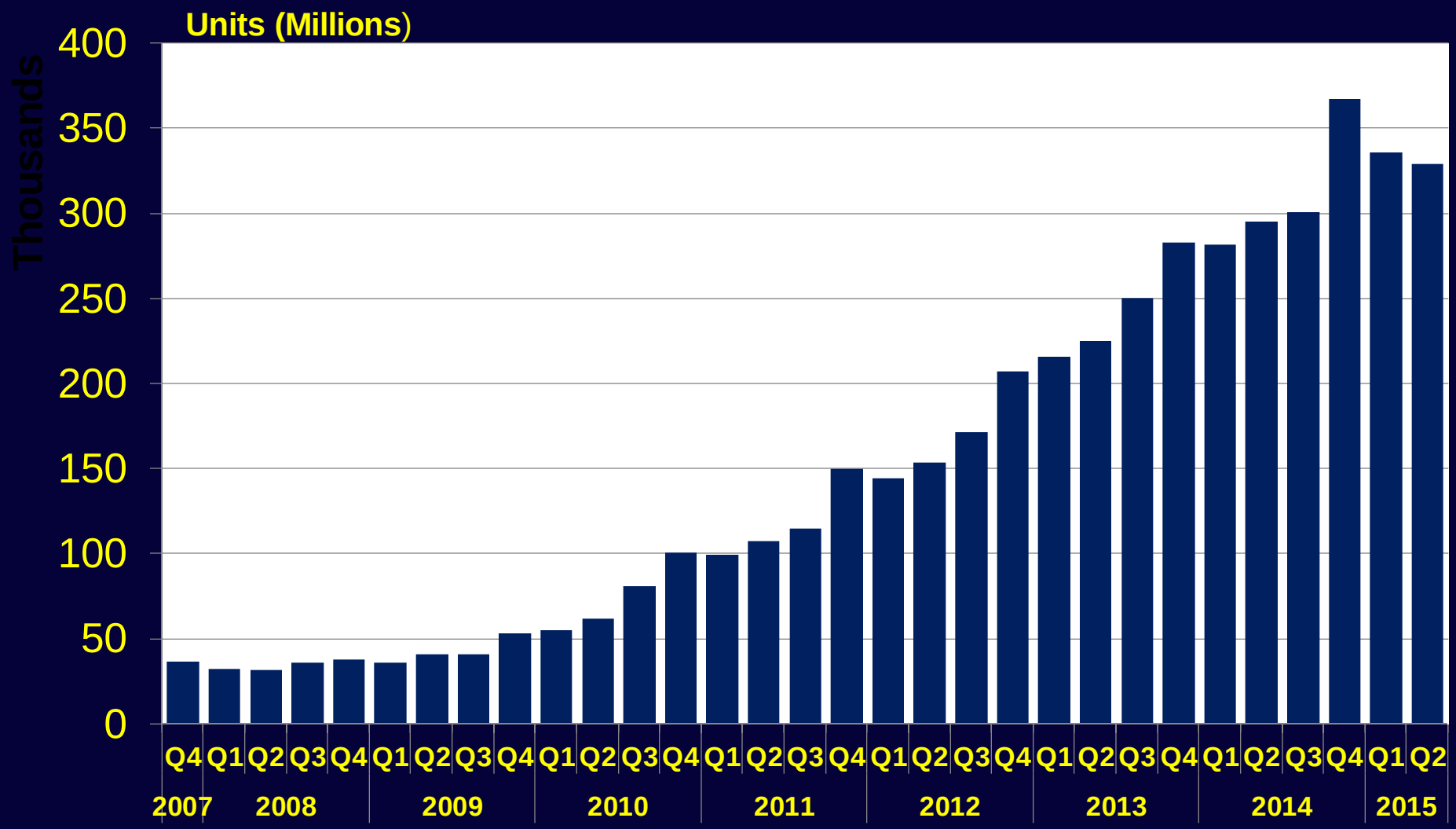
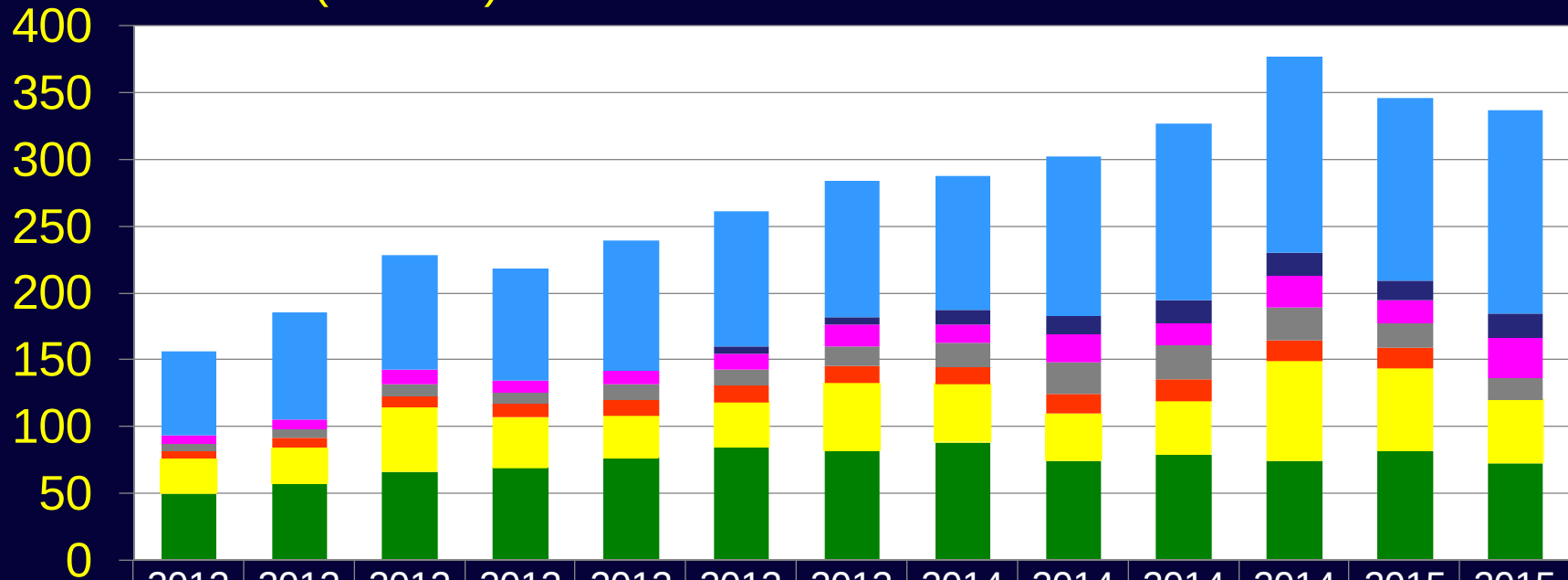


Chart 8

Smartphones World Top Vendors

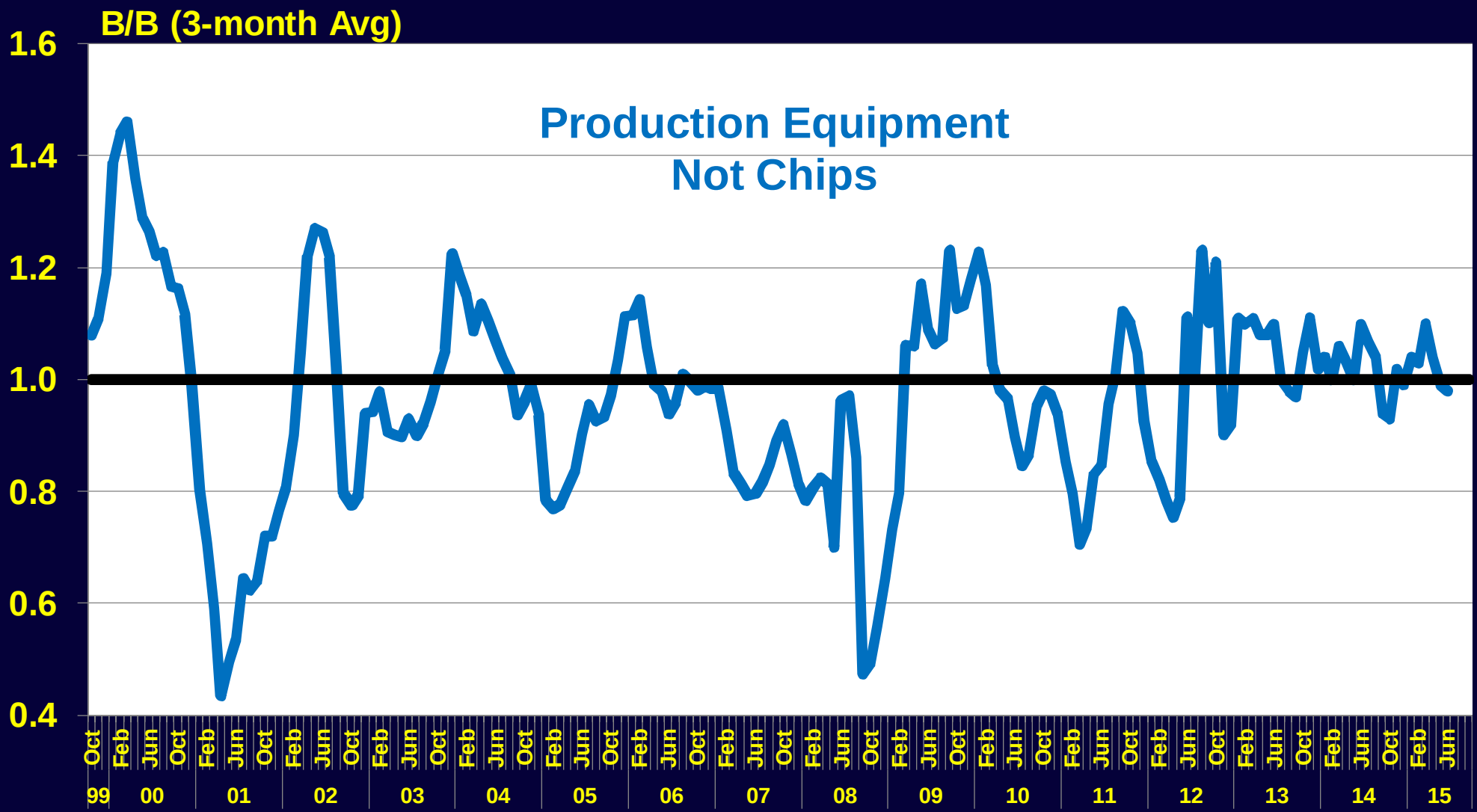
Units (millions)



	2012 Q2	2012 Q3	2012 Q4	2013 Q1	2013 Q2	2013 Q3	2013 Q4	2014 Q1	2014 Q2	2014 Q3	2014 Q4	2015 Q1	2015 Q2
Others	63.0	80.6	85.9	84.2	97.5	101.0	102.0	100.4	119.2	132.4	147.4	136.7	152.5
Xiaomi						5.6	5.9	11.0	13.8	17.3	16.6	15.0	17.9
Huawei	6.5	7.1	10.5	9.3	10.4	12.0	16.4	13.5	20.2	16.5	23.6	17.0	29.9
Lenovo	4.9	6.9	9.4	7.9	11.4	12.3	13.9	18.9	24.3	25.7	24.7	18.8	16.2
LG	5.8	7.0	8.6	10.3	12.1	12.0	13.2	12.3	14.5	16.8	15.6	15.4	
Apple	26.0	26.9	47.8	37.4	31.2	33.8	51.0	43.7	35.2	39.3	74.5	61.2	47.5
Samsung	50.3	57.8	66.7	69.7	77.3	85.0	82.0	88.5	74.9	79.6	75.1	82.4	73.2

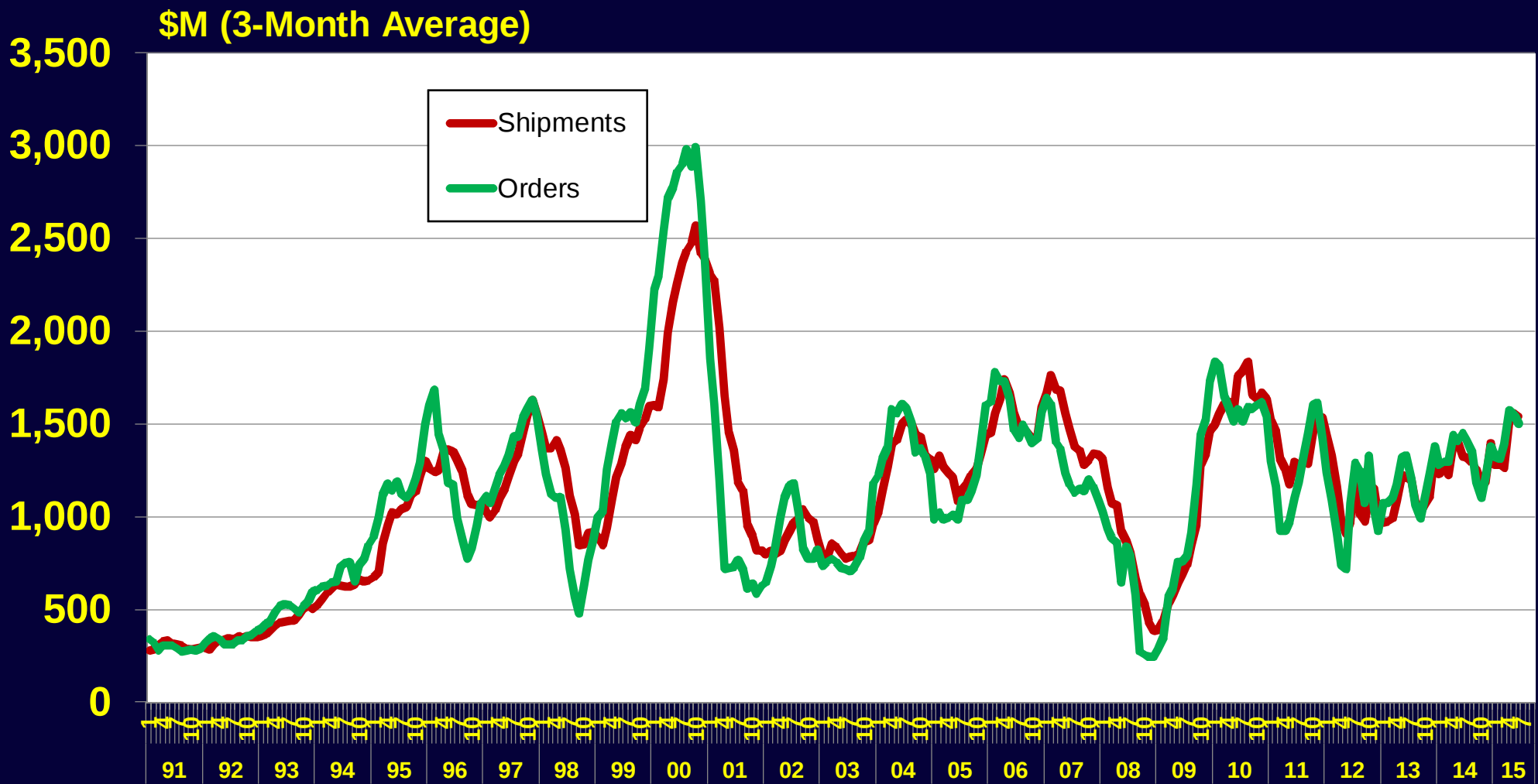
Chart 9

N American Semiconductor Equipment Industry Book/Bill Ratio



SOURCE Semiconductor Equipment and Materials International
<http://www.semi.org>

N American Semiconductor Equipment Industry Shipments & Orders



SOURCE Semiconductor Equipment and Materials International
<http://www.semi.org>

Chart 11

Copper, High Grade (HG, Comex)

