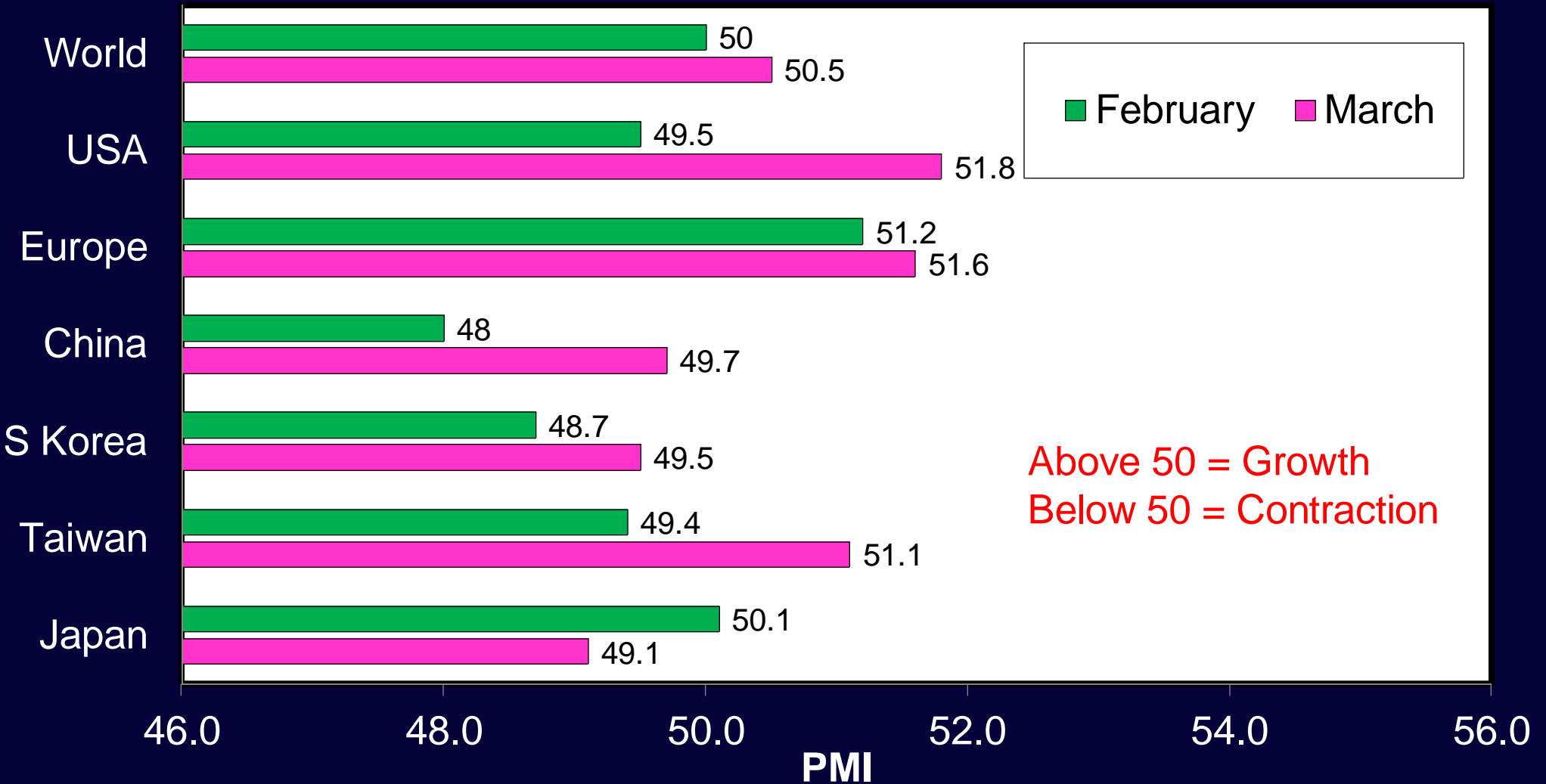


Chart 1

# Purchasing Managers' Indices March vs. February 2016

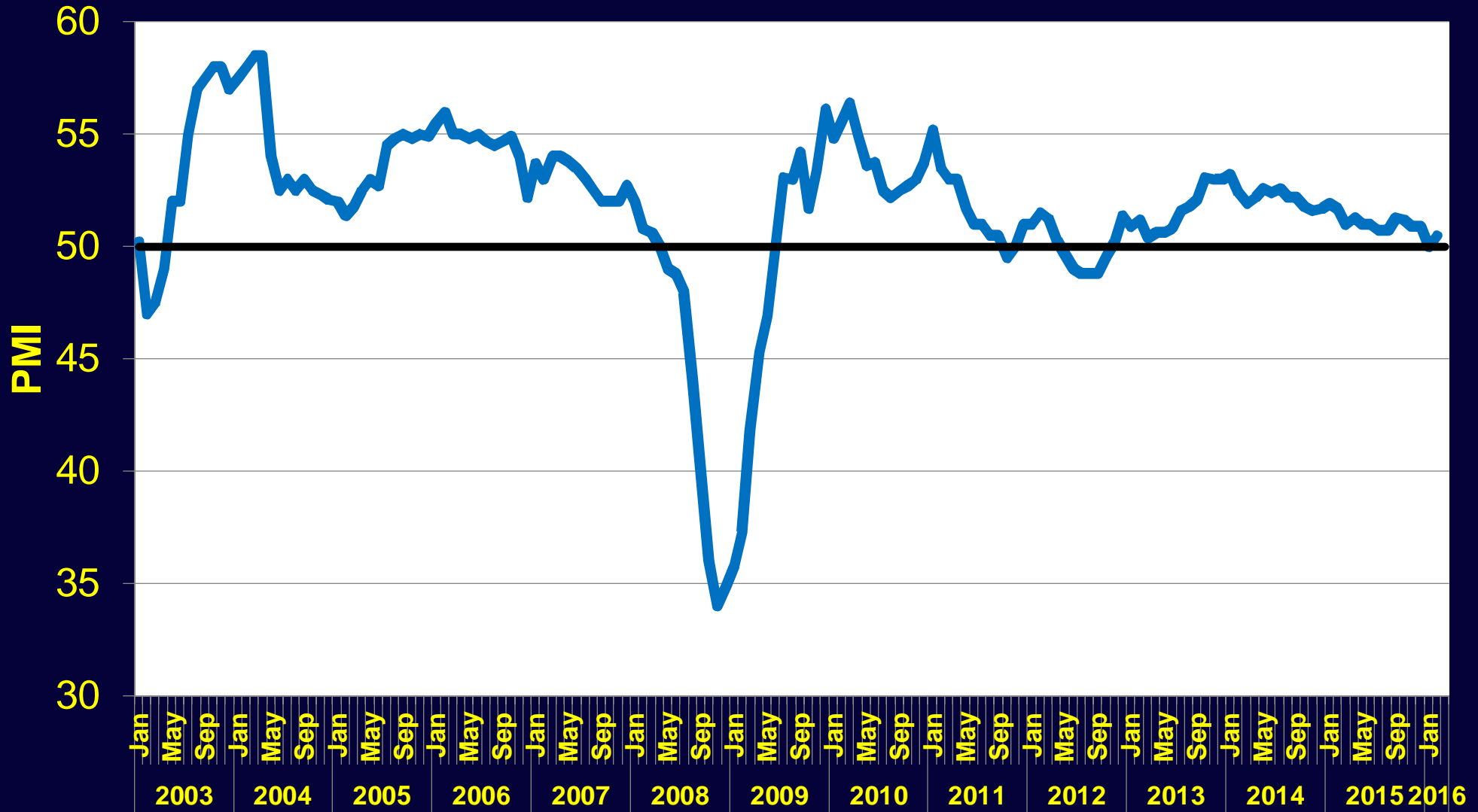


Markit Economics, JPMorgan and ISM

Chart 2

# Global "Purchasing Managers" Index

Diffusion Index, >50 = Growth



# U.S. "Purchasing Managers" Indices ISM vs. Markit Economics

Diffusion Index, >50 = Growth

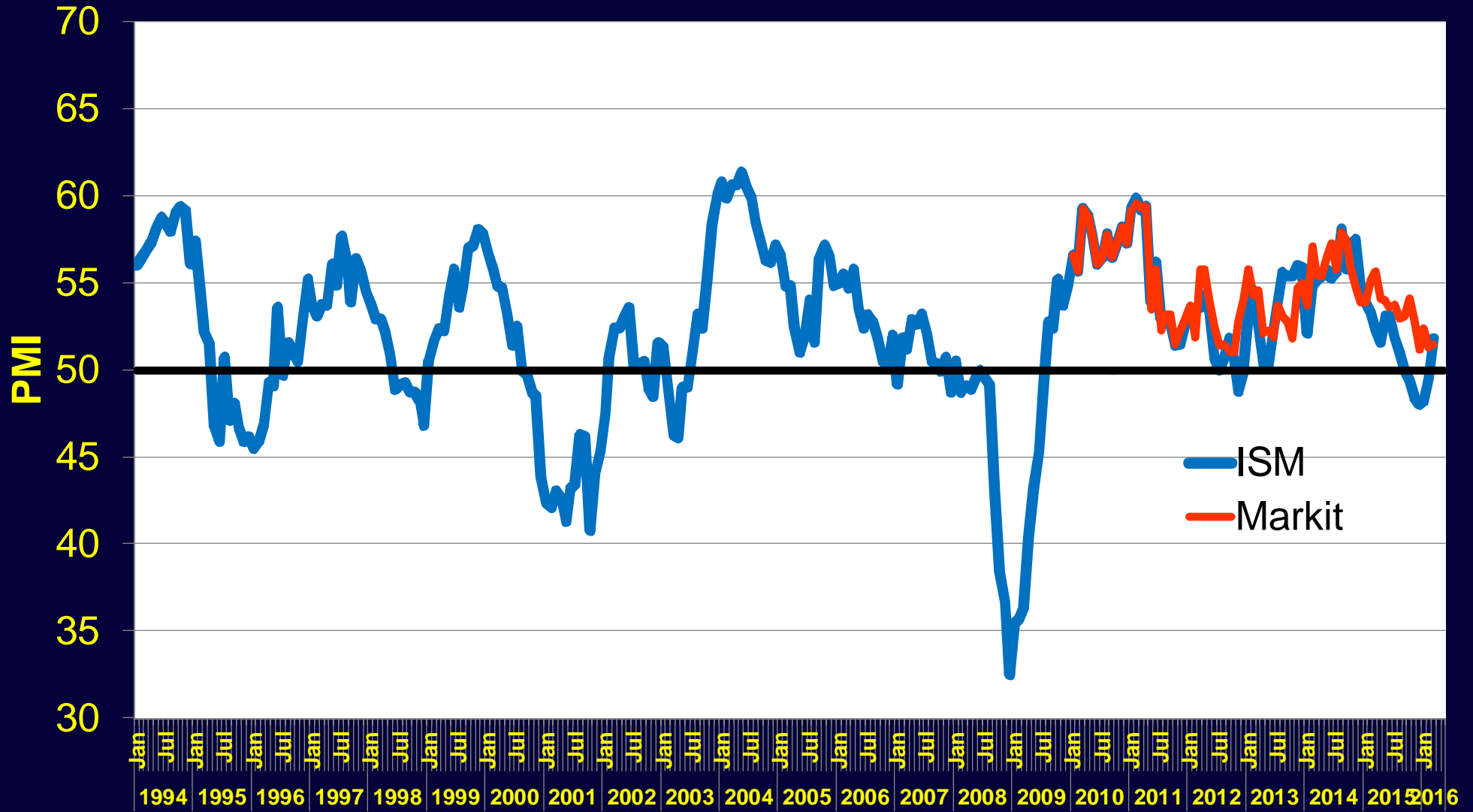


Chart 4

# Eurozone "Purchasing Managers" Index

Diffusion Index, >50 = Growth

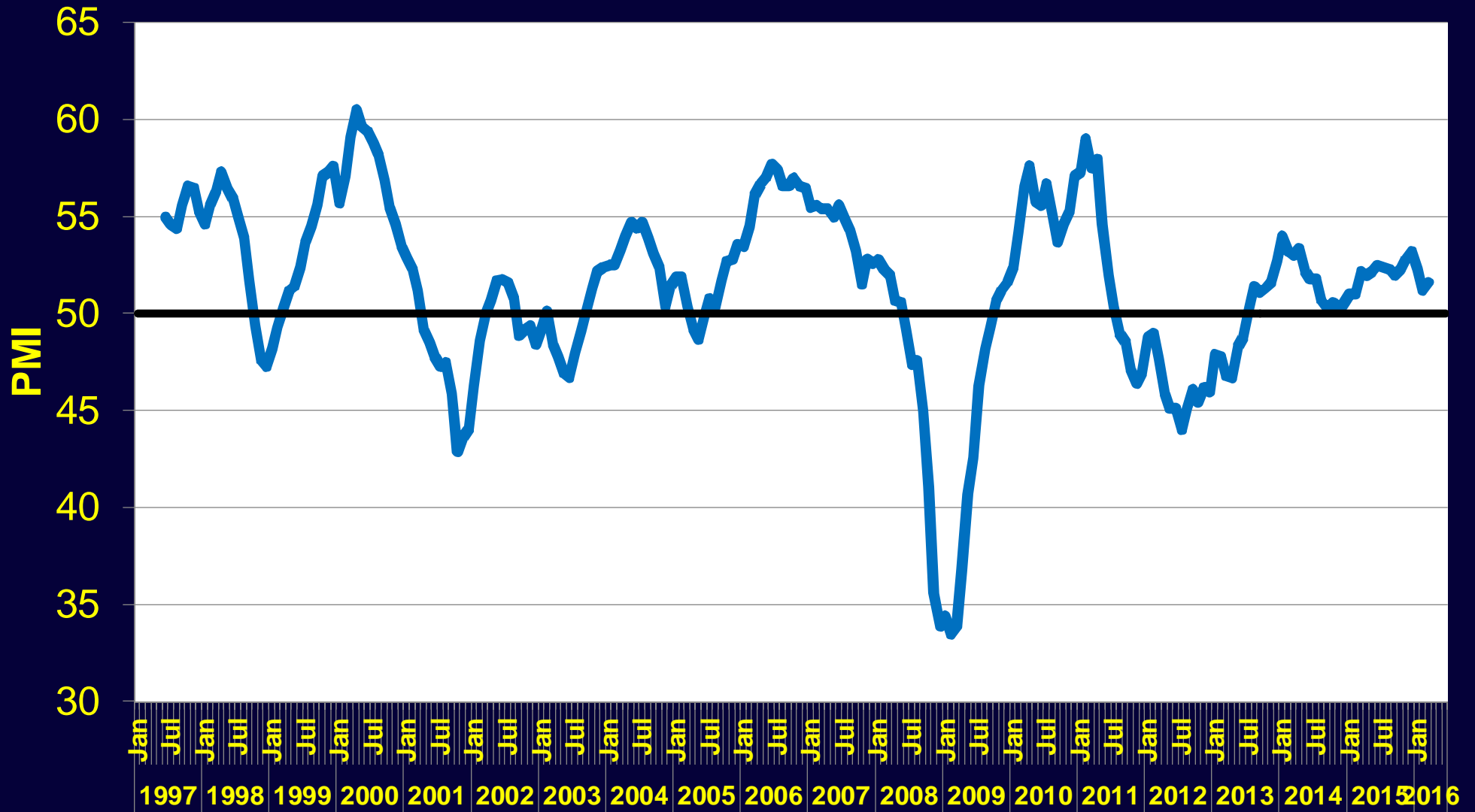


Chart 5

# China "Purchasing Managers" Index

Diffusion Index, >50 = Growth

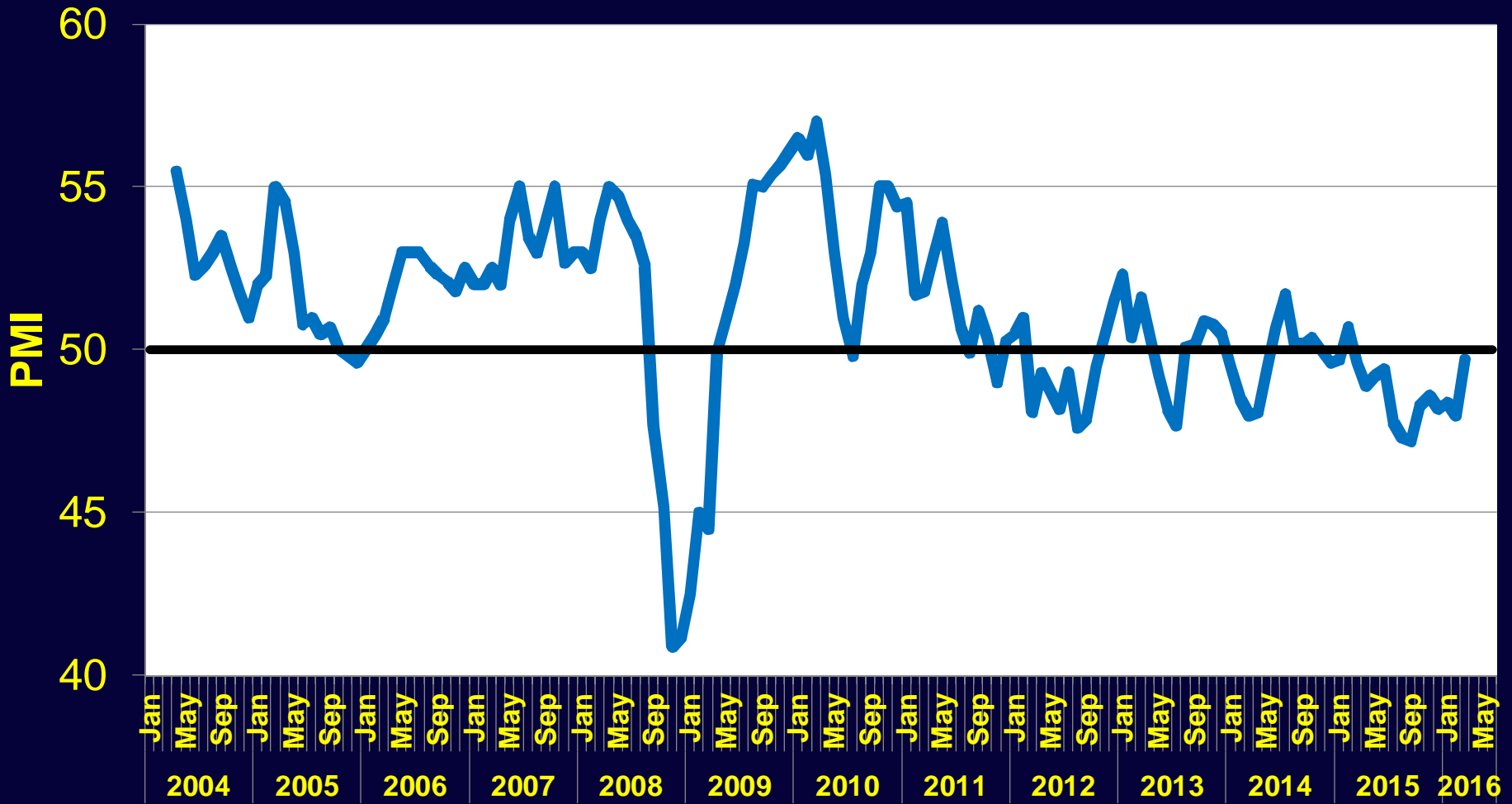


Chart 6

# European Purchasing Managers' Indices March vs. February 2016

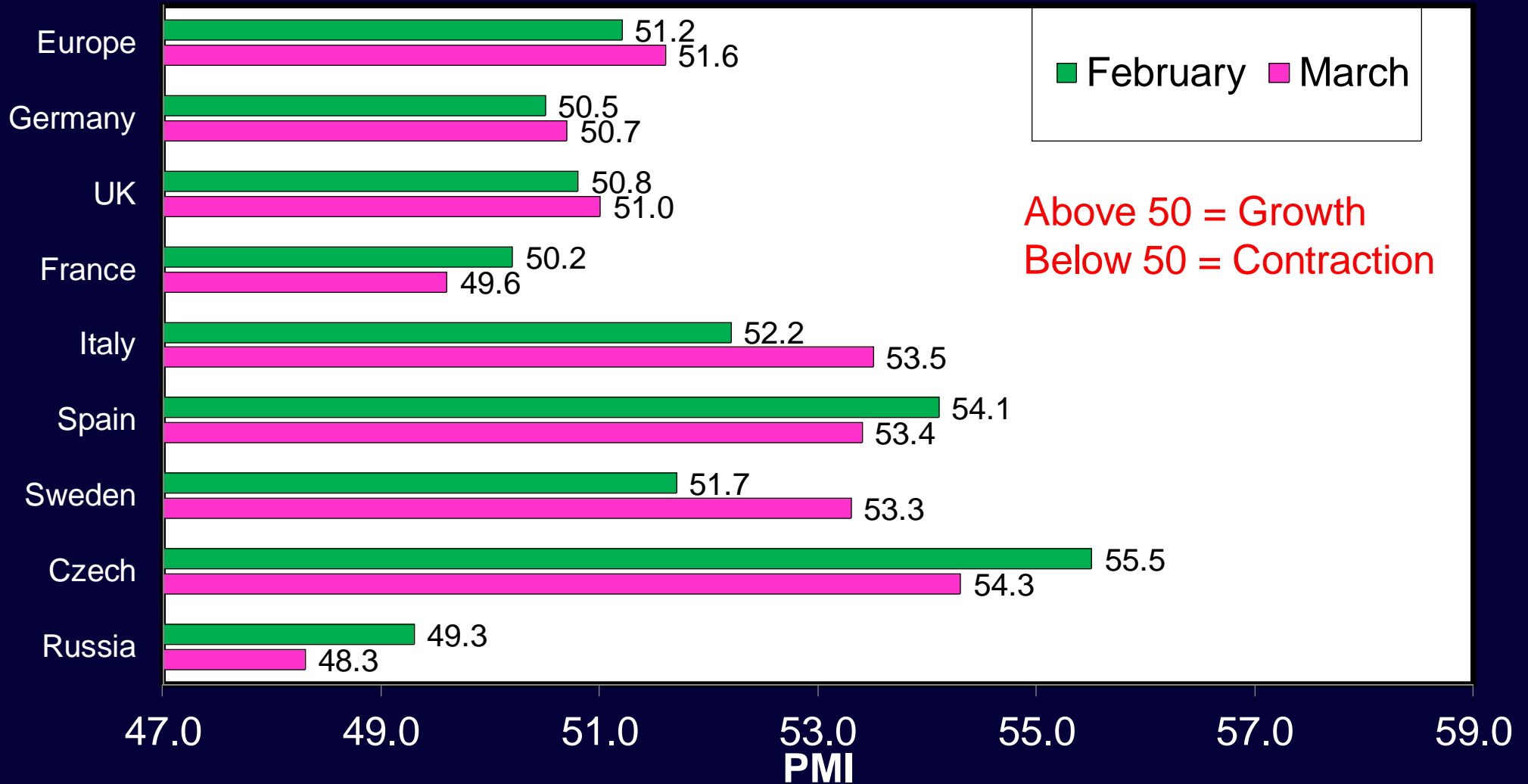


Chart 7 **Asian Purchasing Managers' Indices  
March vs. February 2016**

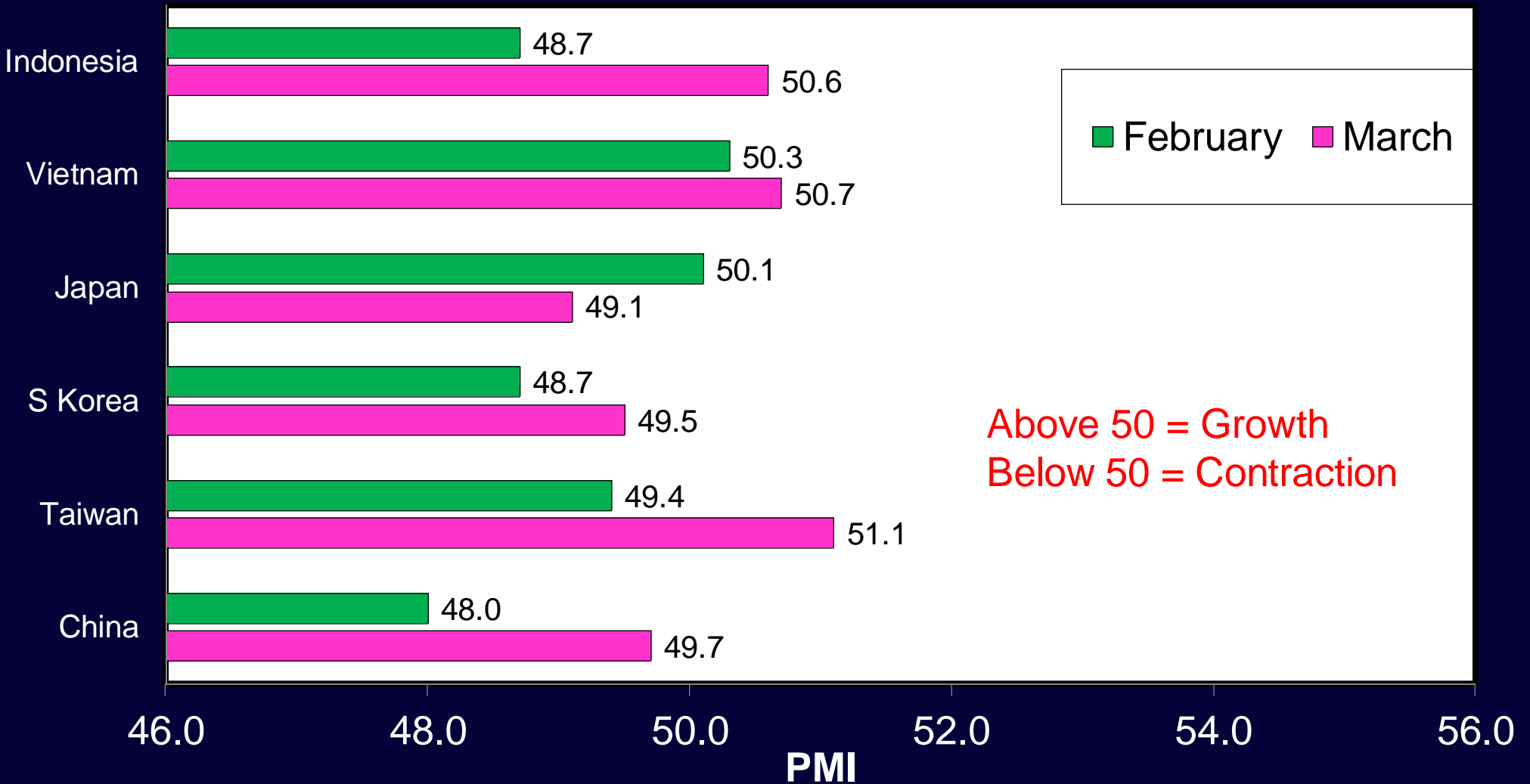


Chart 8

# Taiwan "Purchasing Managers" Index

Diffusion Index, >50 = Growth

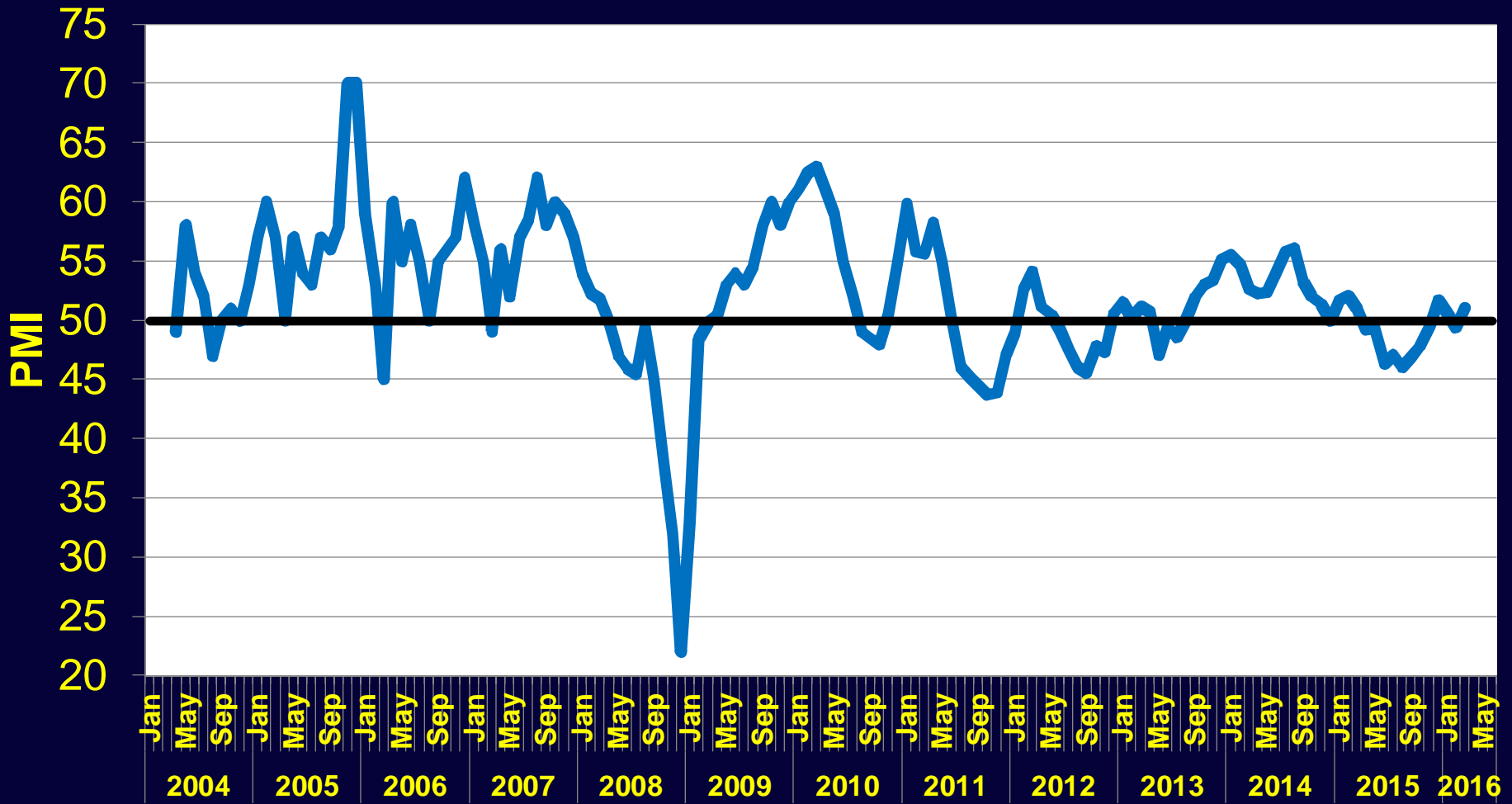




Chart 9

# S Korea "Purchasing Managers" Index

Diffusion Index, >50 = Growth

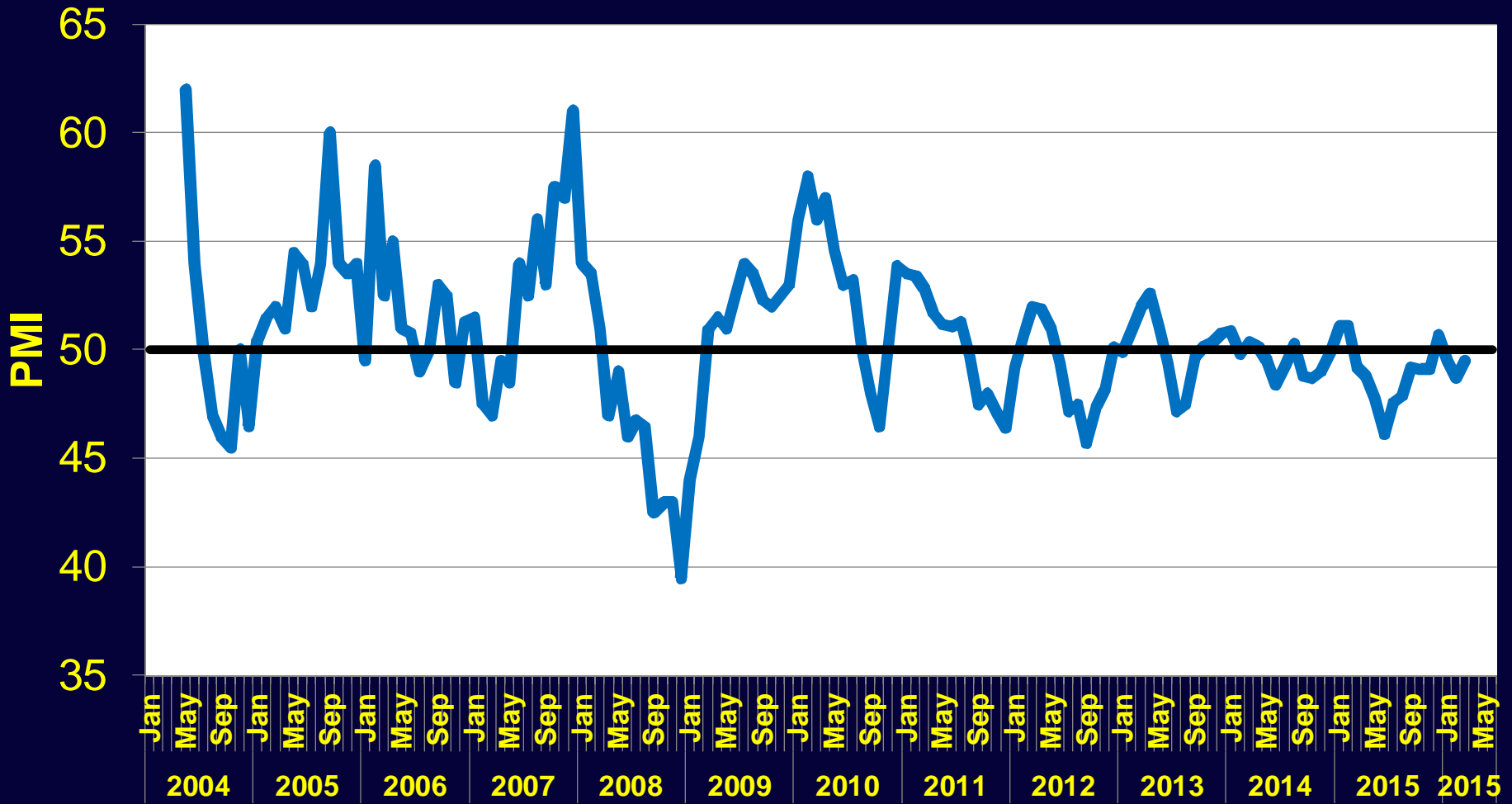


Chart 10

# Japan "Purchasing Managers" Index

Diffusion Index, >50 = Growth

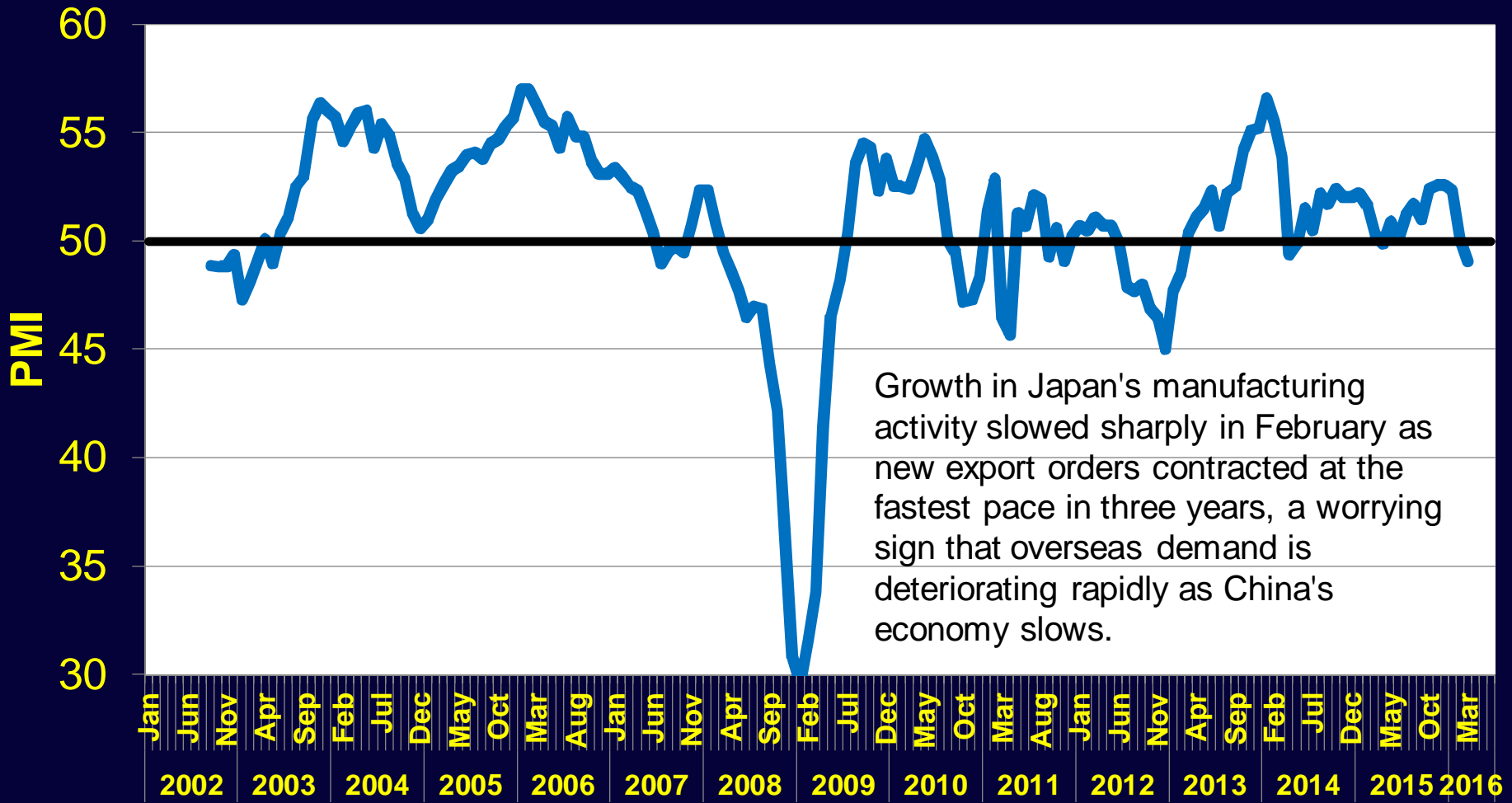


Chart 11

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

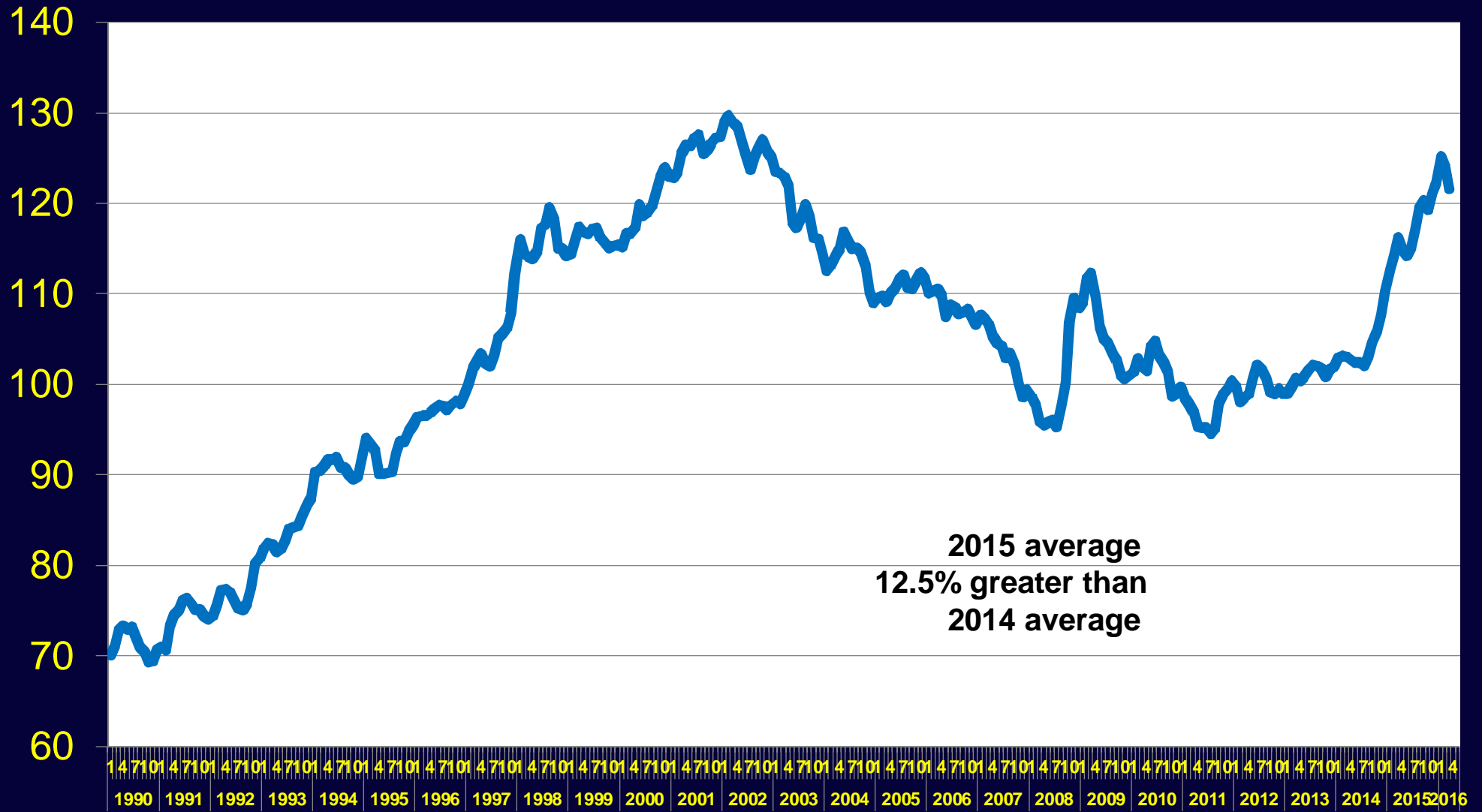


Chart 12

# Euro vs. U.S. Dollar

US\$/Euro

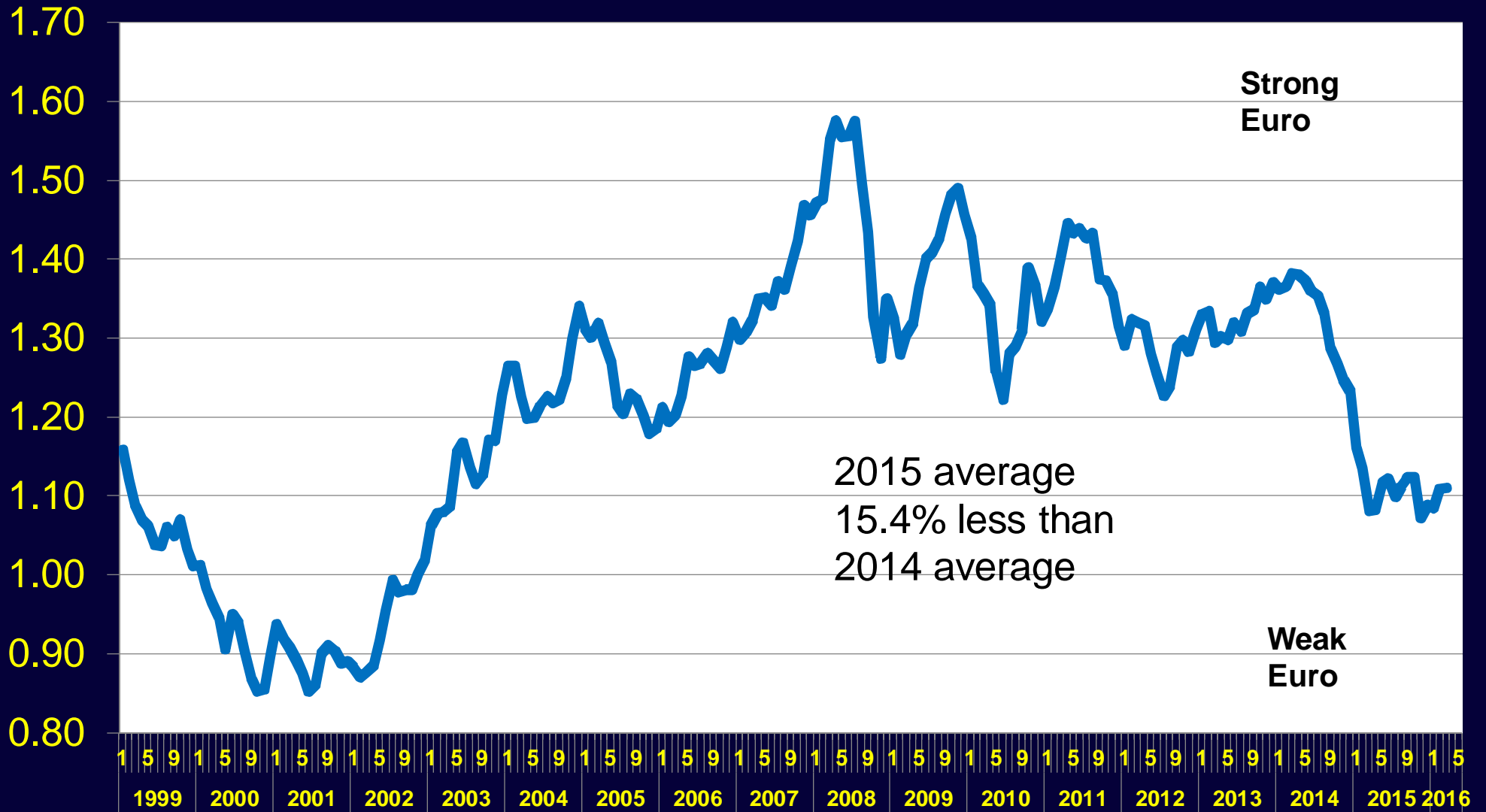


Chart 13

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

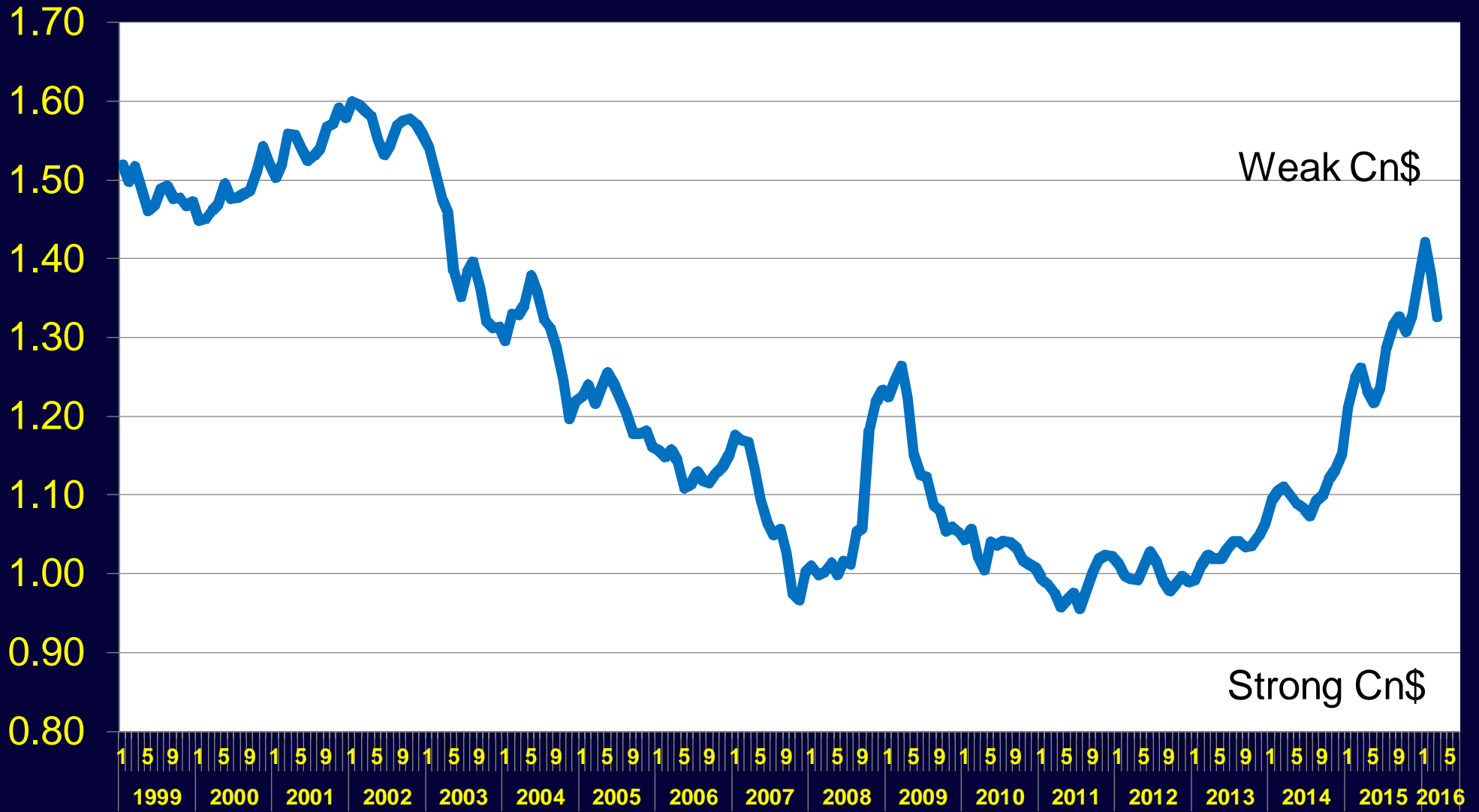


Chart 14

# Mexico Peso vs. U.S. \$

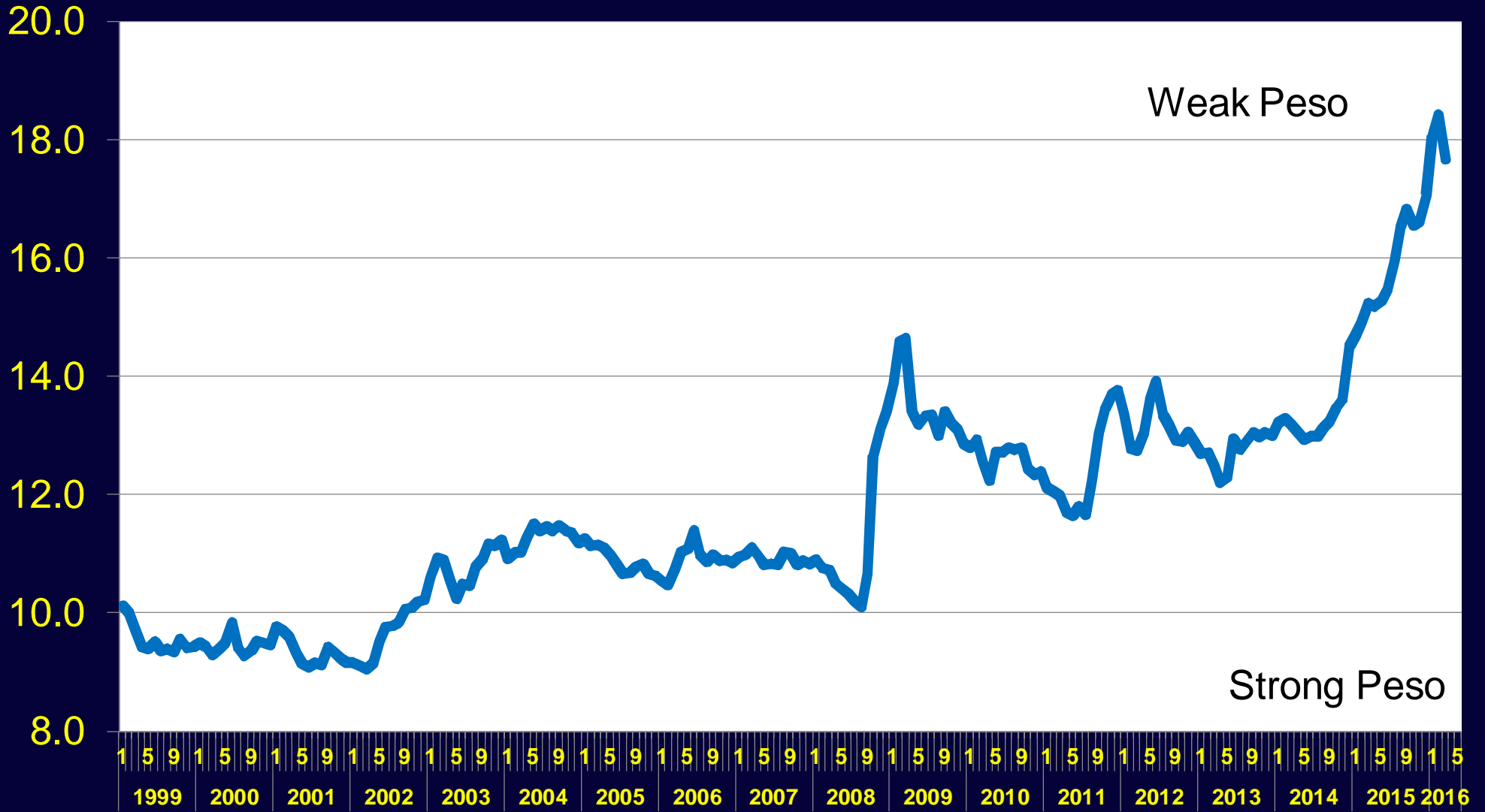


Chart 15

# Japanese Yen vs. U.S. Dollar

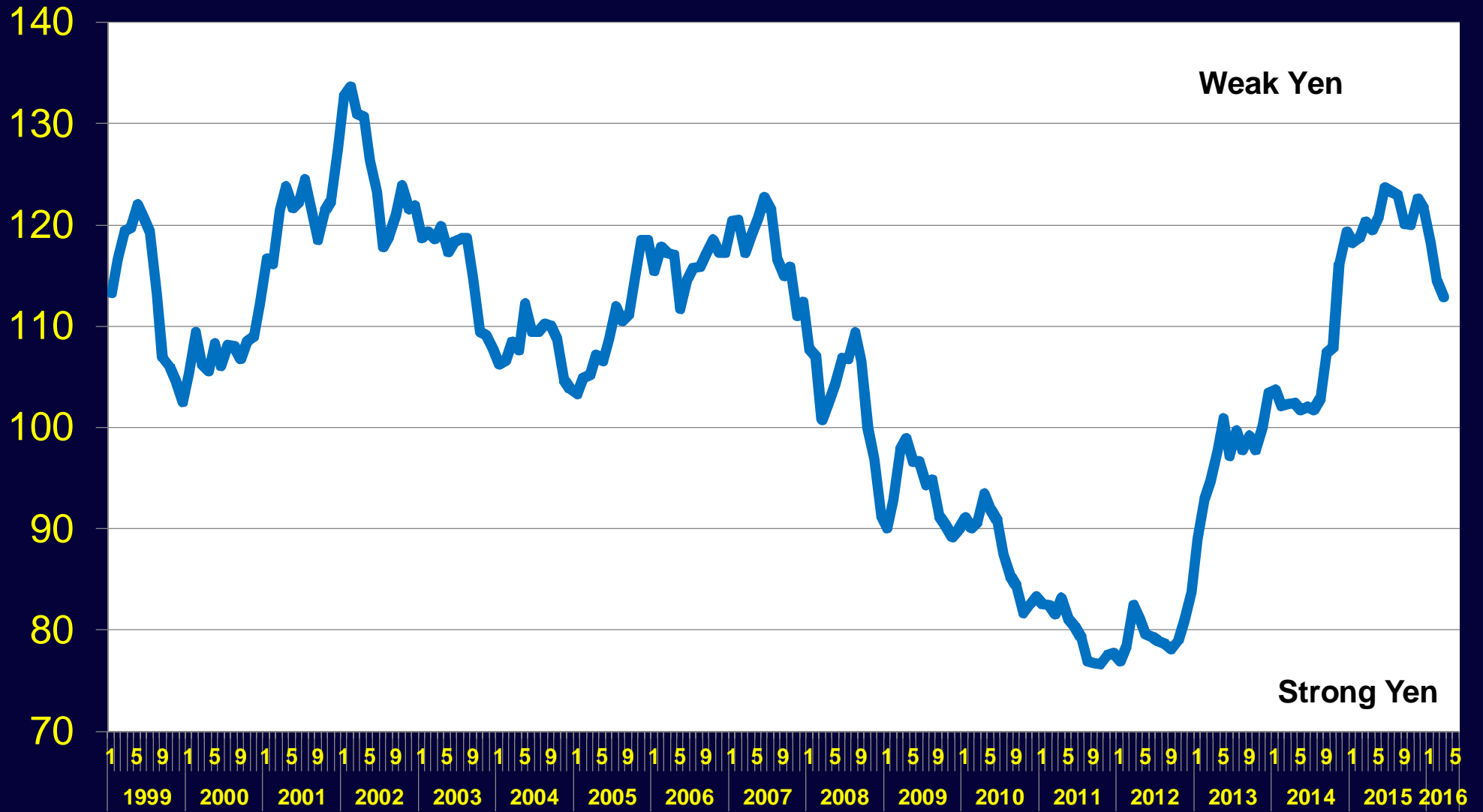


Chart 16

# China Yuan vs. U.S. Dollar

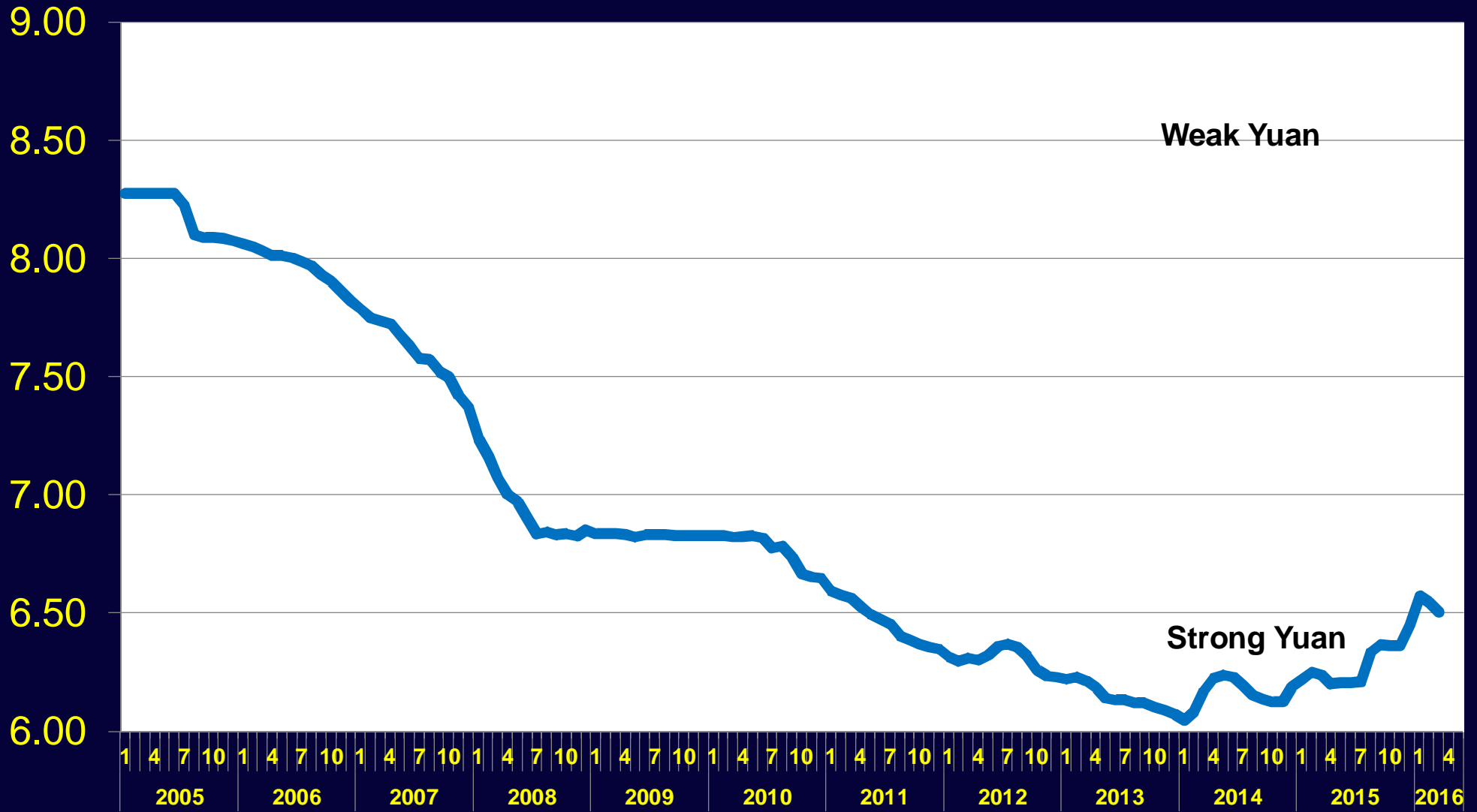




Chart 17

# Taiwan vs. U.S. Dollar

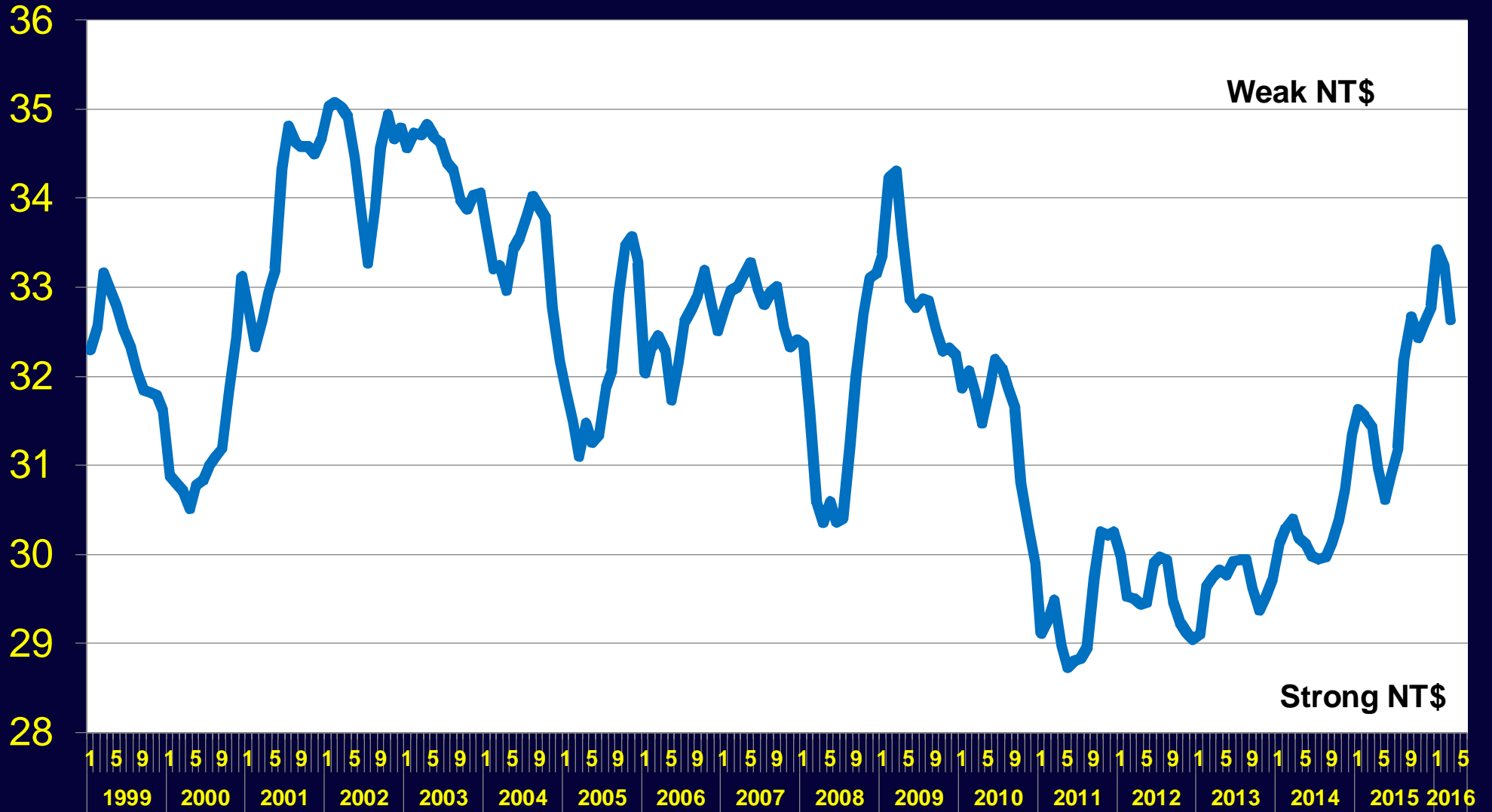
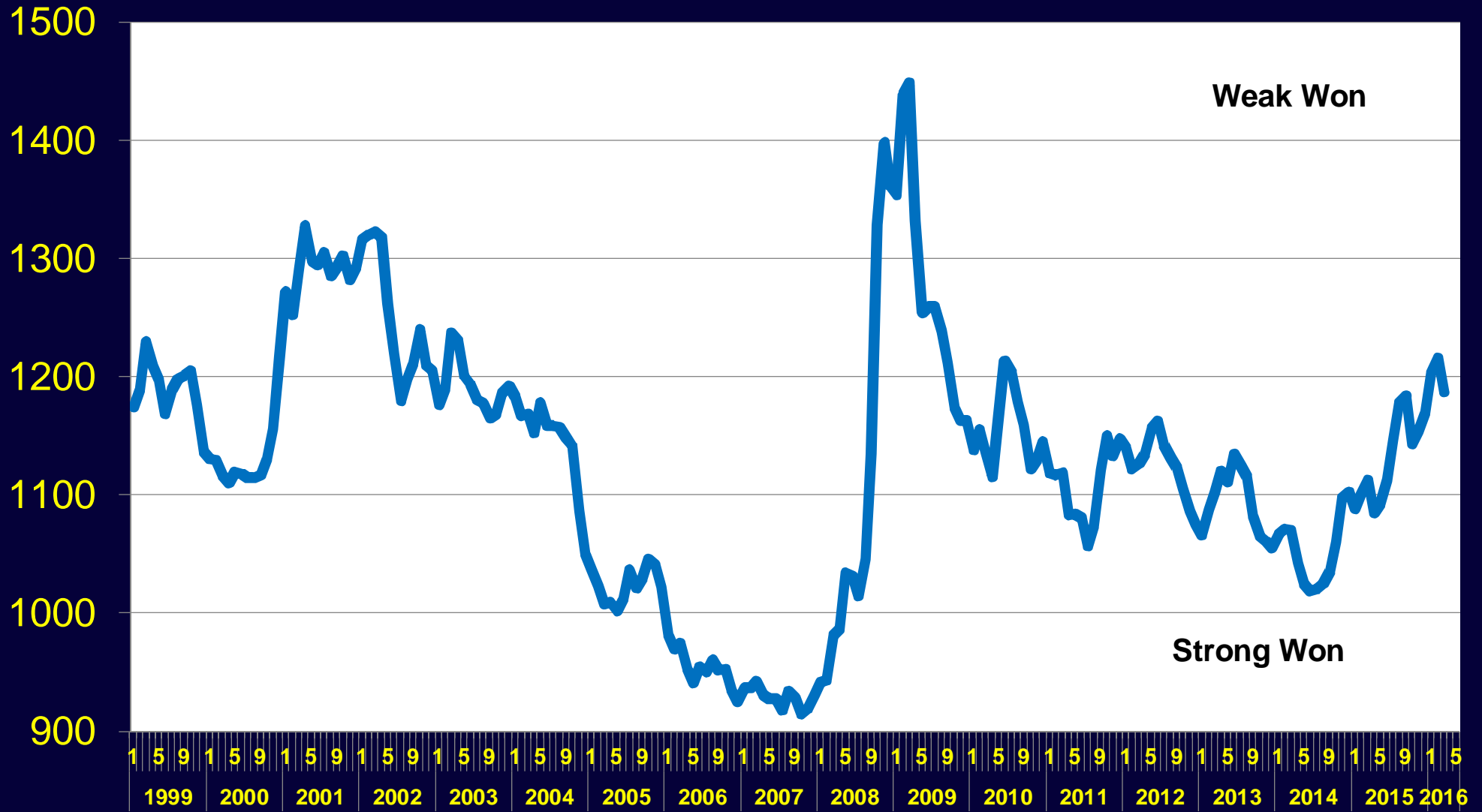
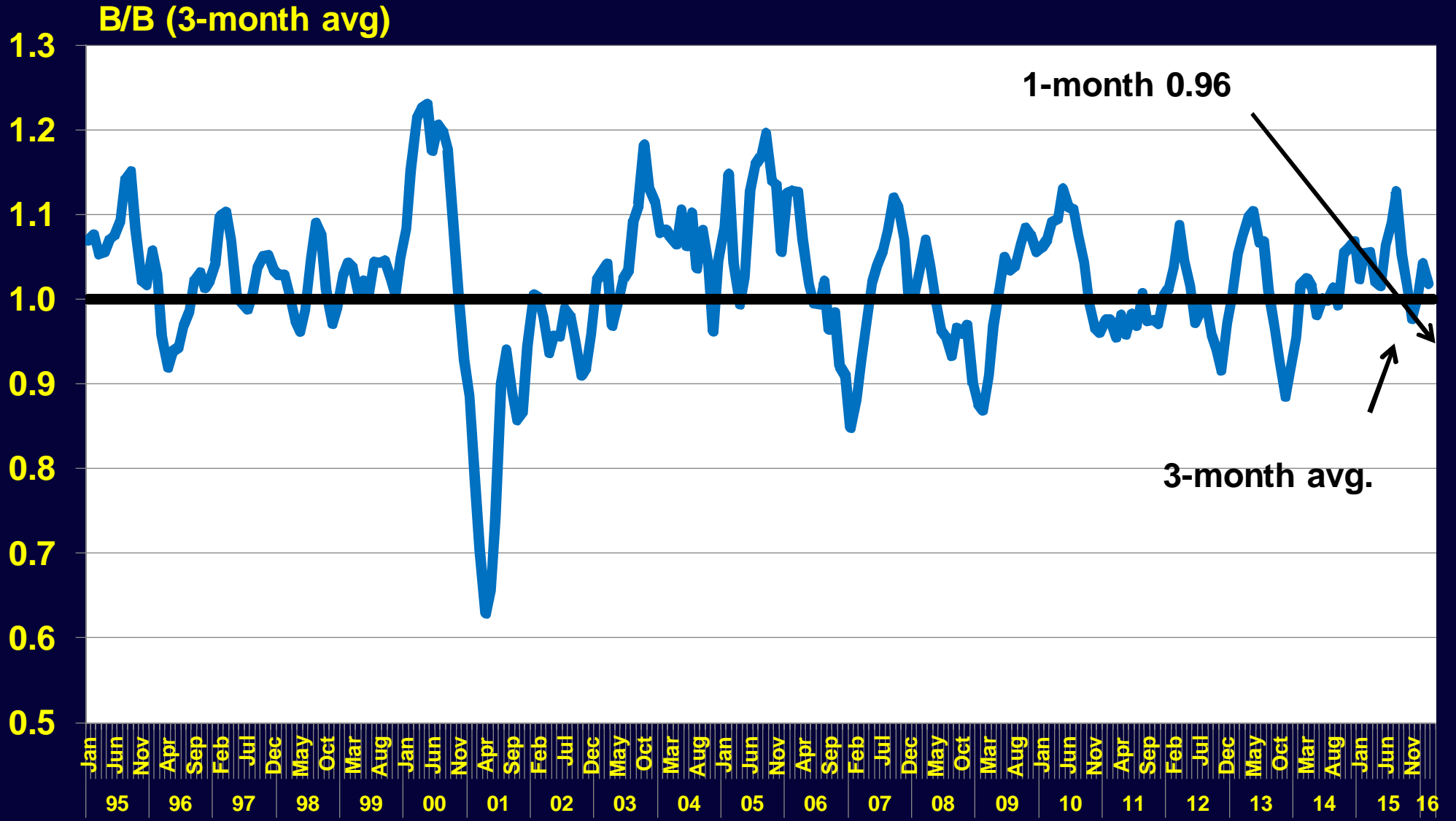


Chart 18

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

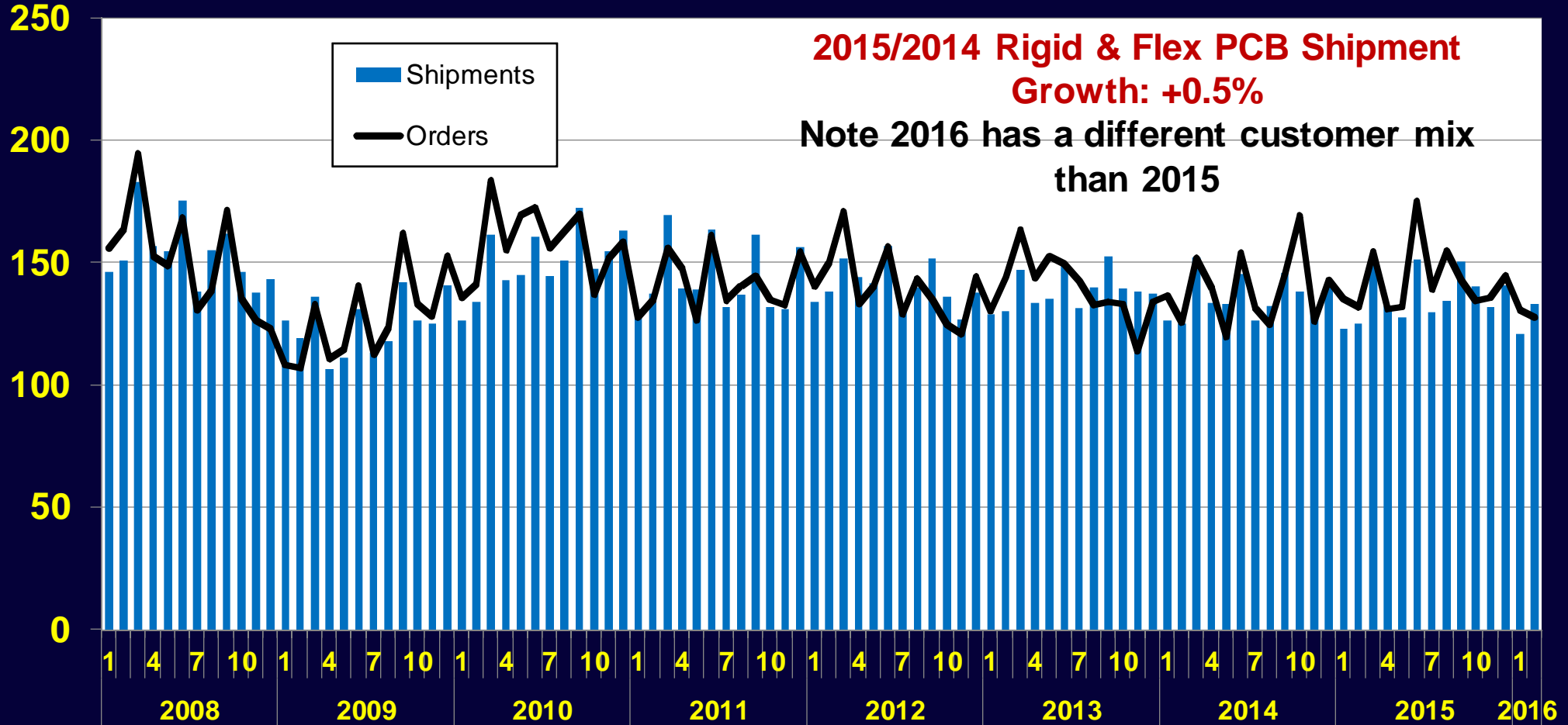


# Rigid & Flexible PCB Book/Bill N. America



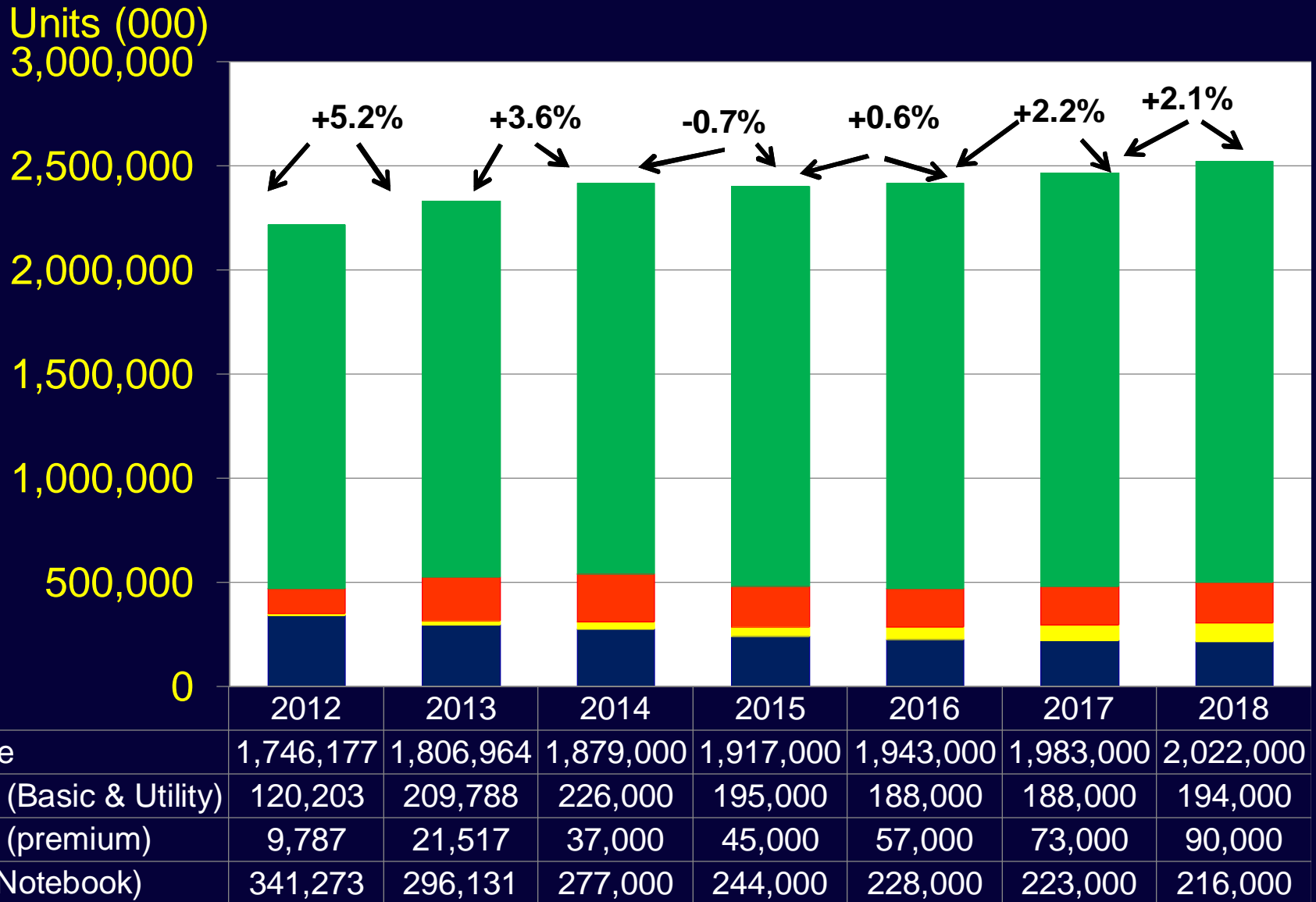
# N American Rigid & Flexible PCB Shipments & Orders

\$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.

# World Device Shipments by Segment



# World Mobile Phone Unit Shipments Total: Analog & Digital

Chart 22



Chart 23

# Personal Computers - Global Shipments

## Desk-based, Notebooks & Premium Ultramobiles

