

# THE ISRAELI ECONOMY 2011

**Prof. Rafi Melnick**

Provost, Interdisciplinary Center (IDC)  
Herzliya

**The Rothschild Caesarea Center Conference**

January 2011

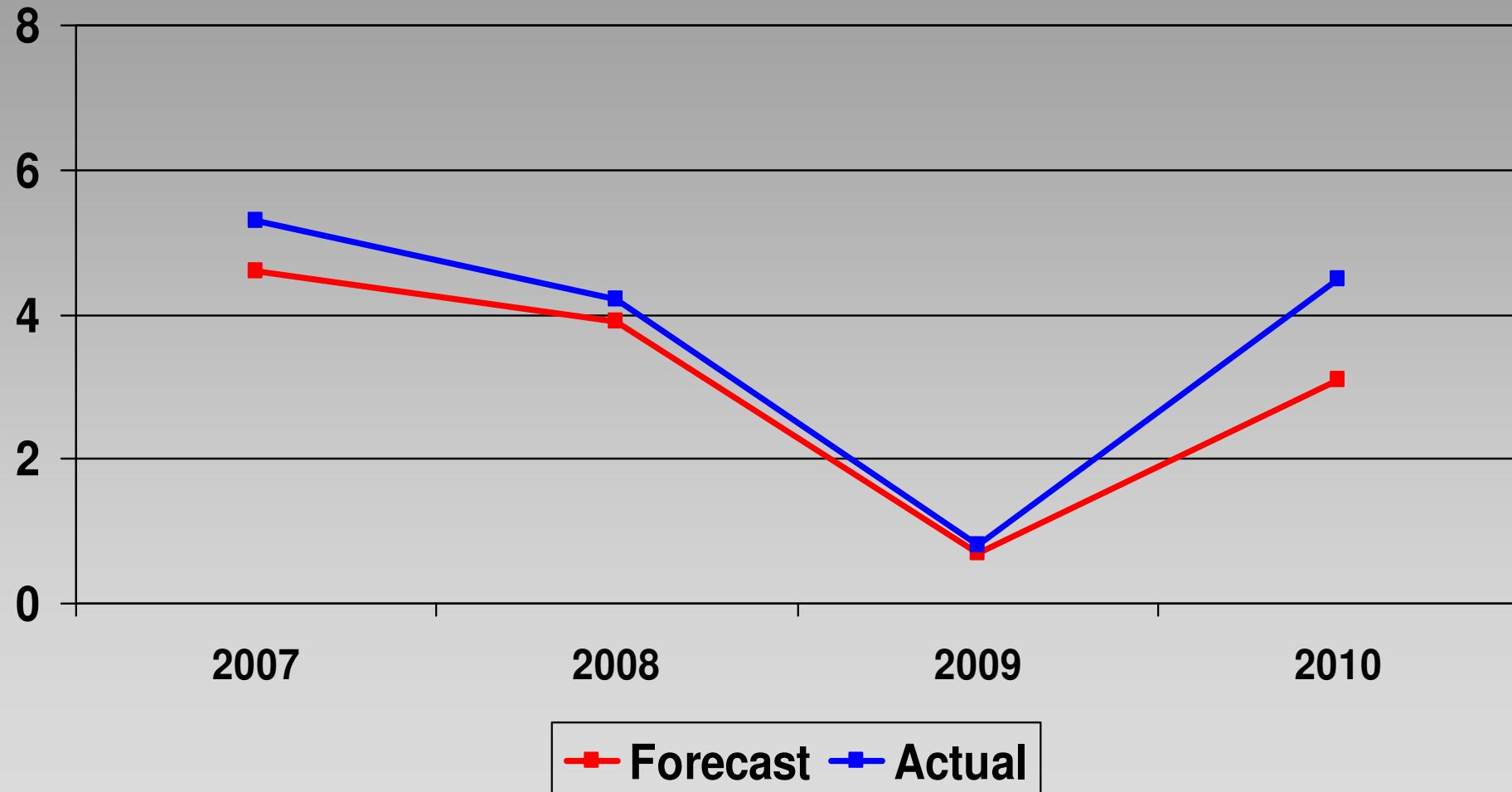
# GDP - Forecast and Reality 2007 - 2010

<b>Year*</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Forecast	4.6	3.9	0.7	3.1
Reality**	5.3	4.2	0.8	4.5

\* The Forecast was given in the month of November of the previous year

\*\* Latest CBS update December 2010

# GDP - Forecast and Reality 2007 - 2010



# 1

# Identifying Business Cycles in the Israeli Economy

## The Present Cyclical Position

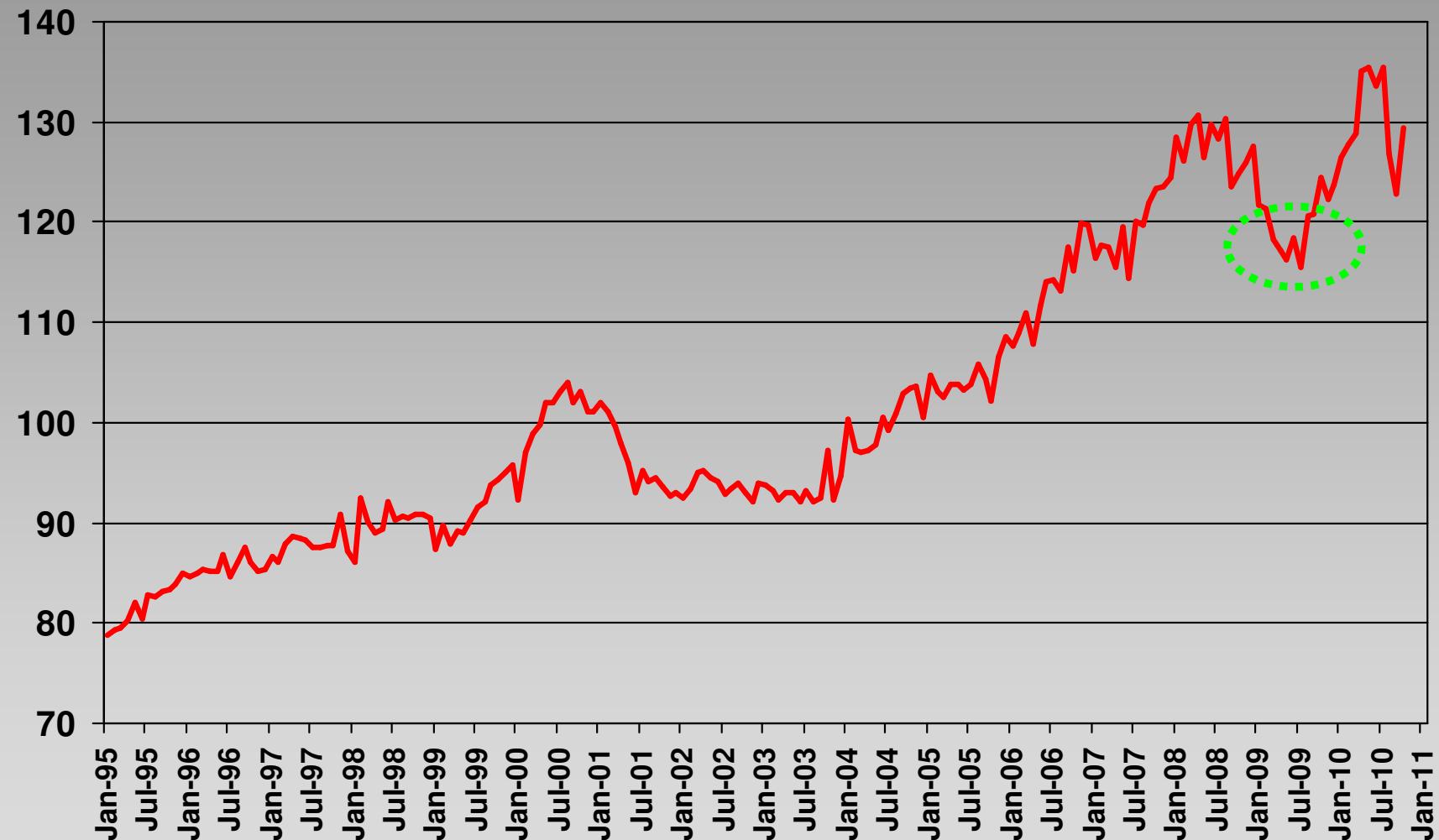
# The Melnick State of the Economy Index

## Main Indicators

- Industrial Production
- Revenue in Commerce and Services
- Import Index
- Employee Posts in the Business Sector

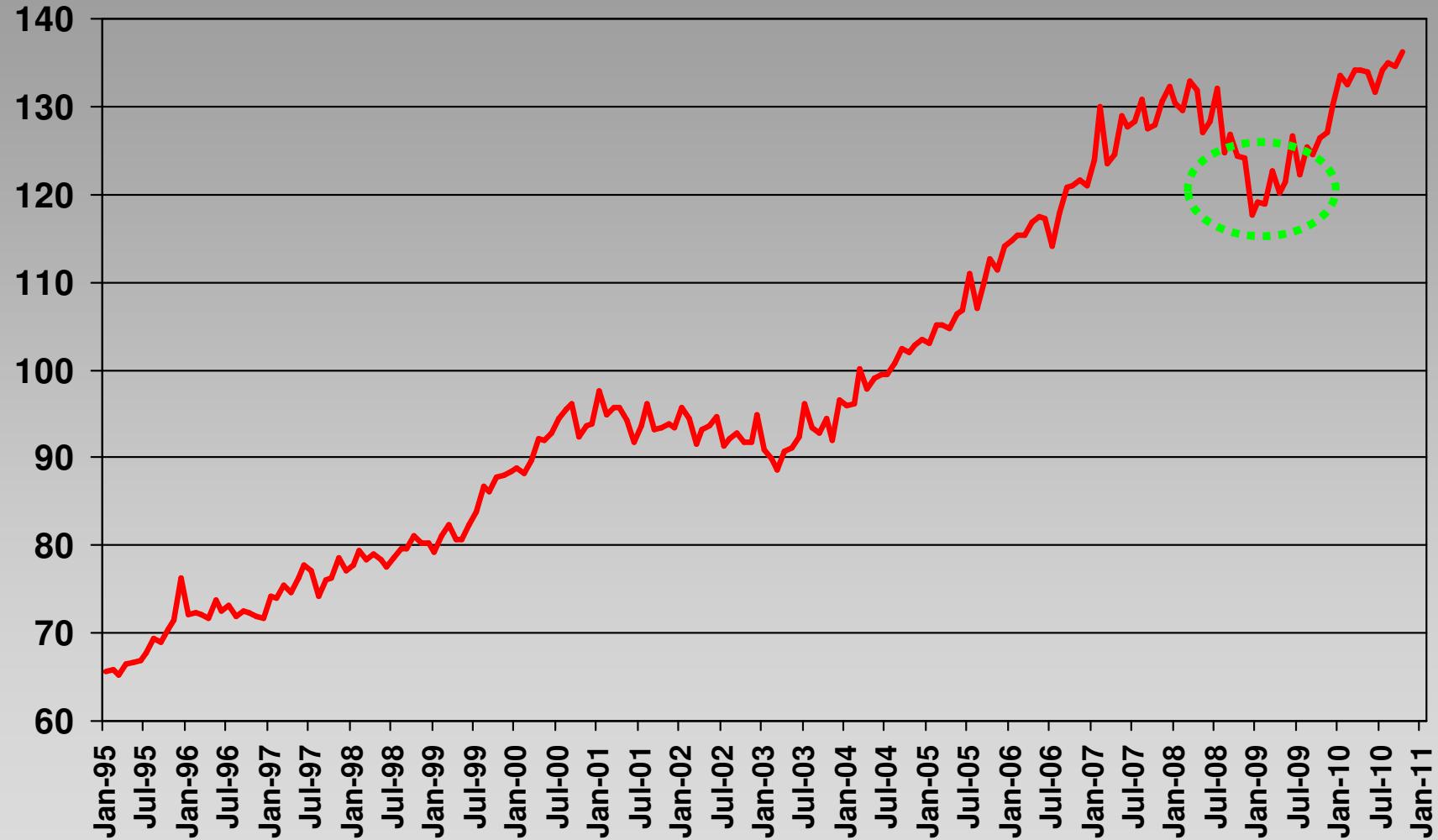
# Industrial Production 1995 - 2010

(2004 = 100)



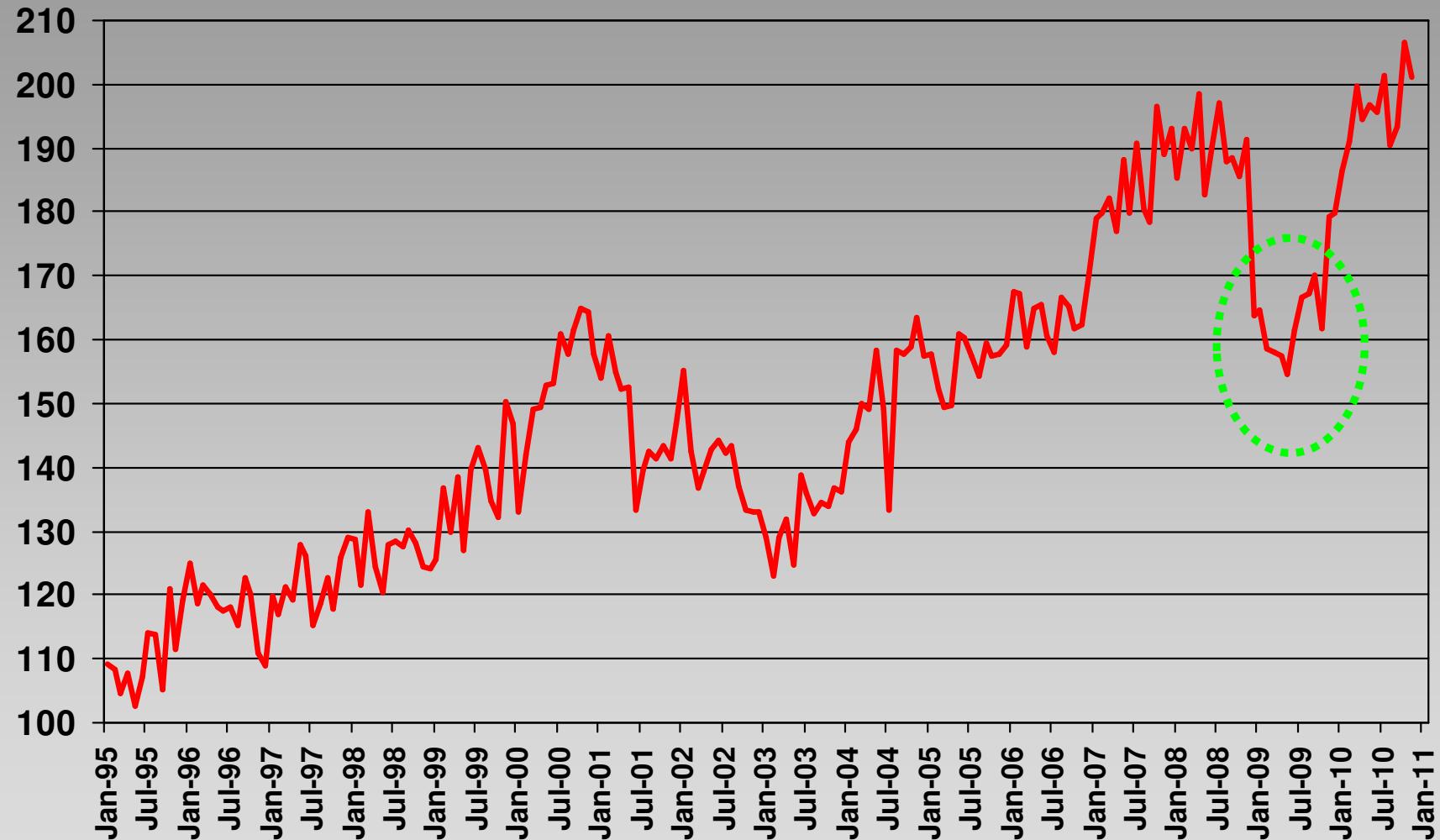
# Revenue in Commerce and Services '95 - '10

(2004 = 100)

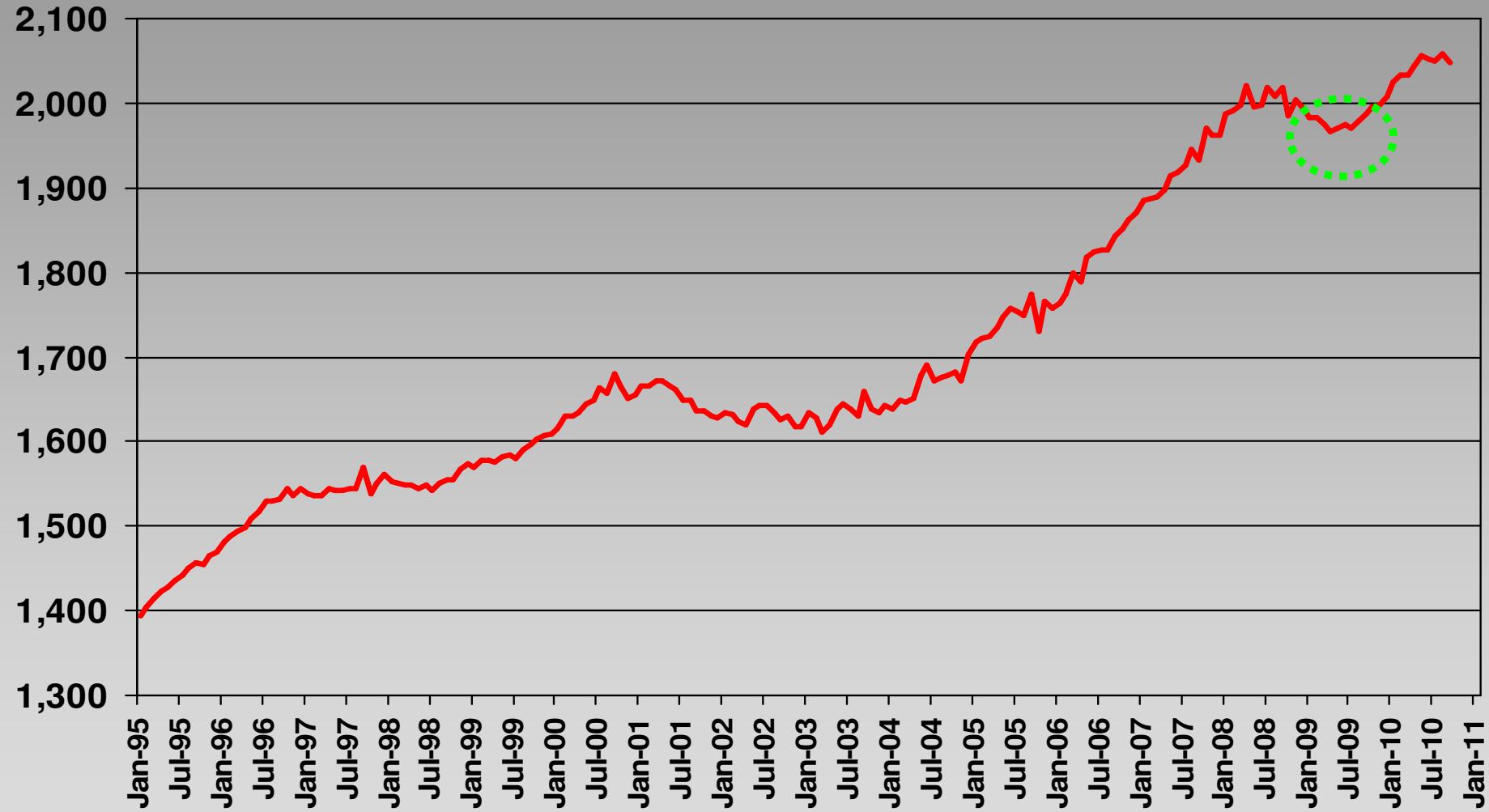


# Import Index 1995 - 2010

(1994 = 100)

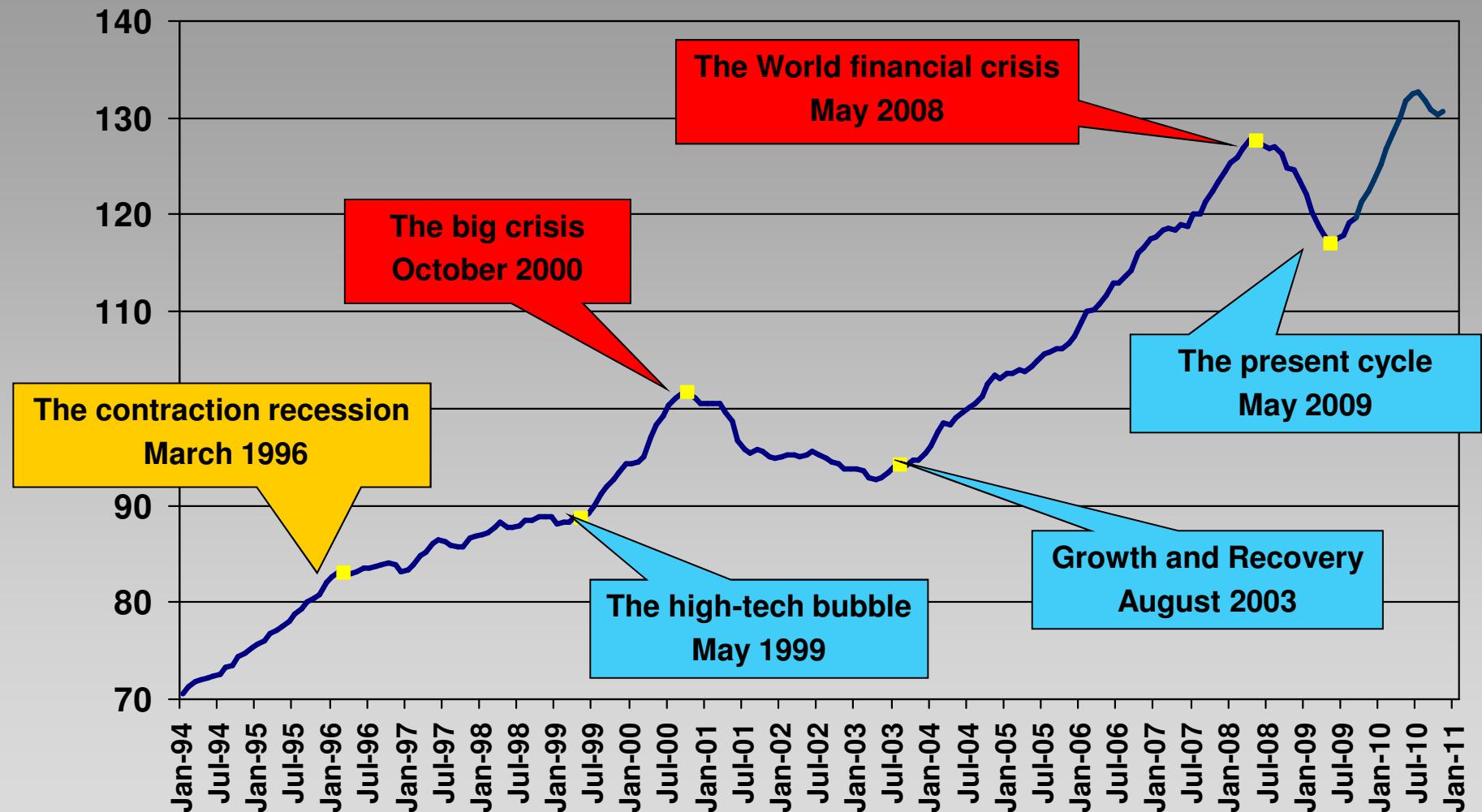


# Employee Posts in the Business Sector '95 - '10



# The Melnick Index 1994 - 2010

(2004 = 100)

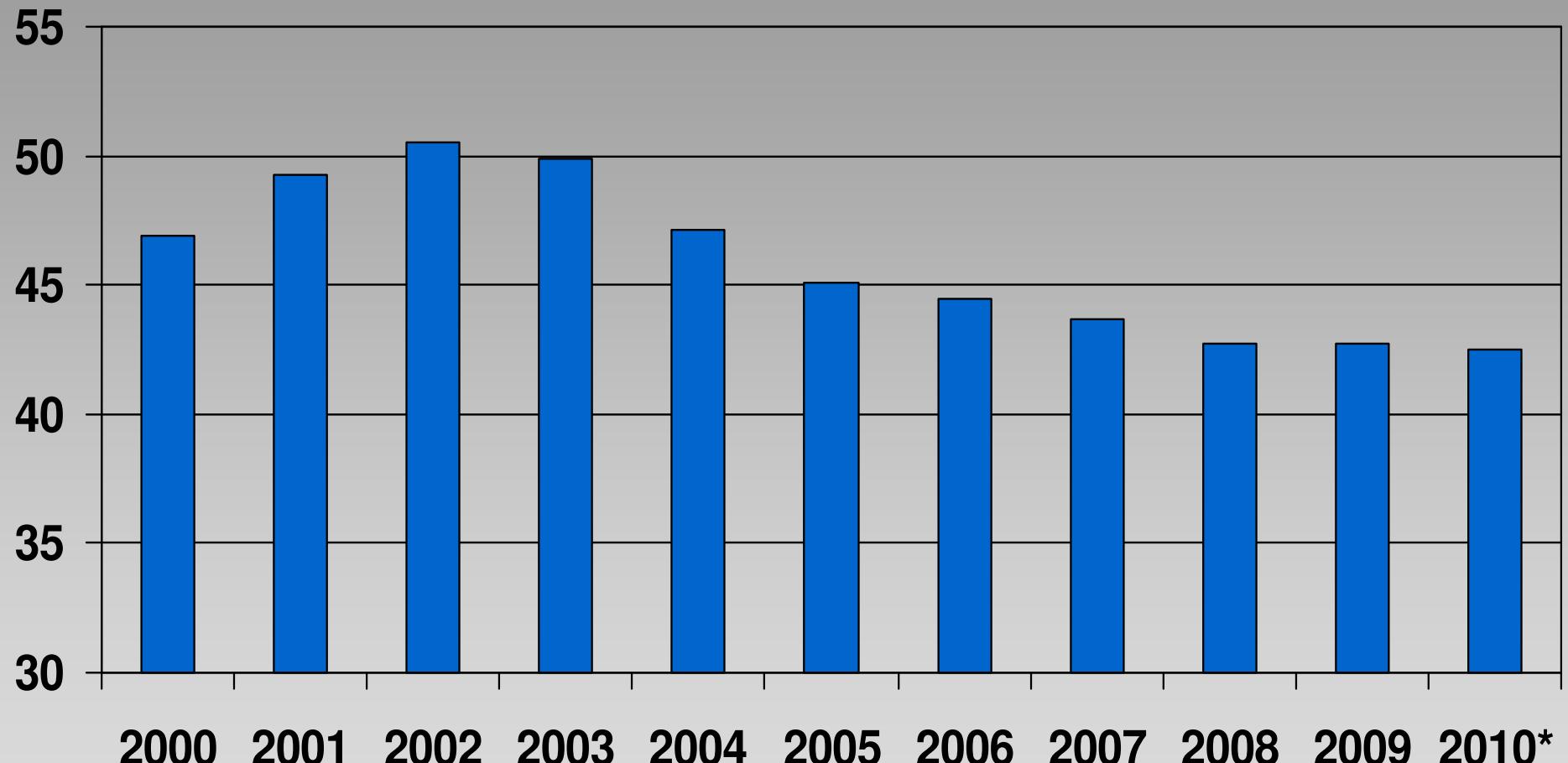


# 2

## Recent Economic Policy

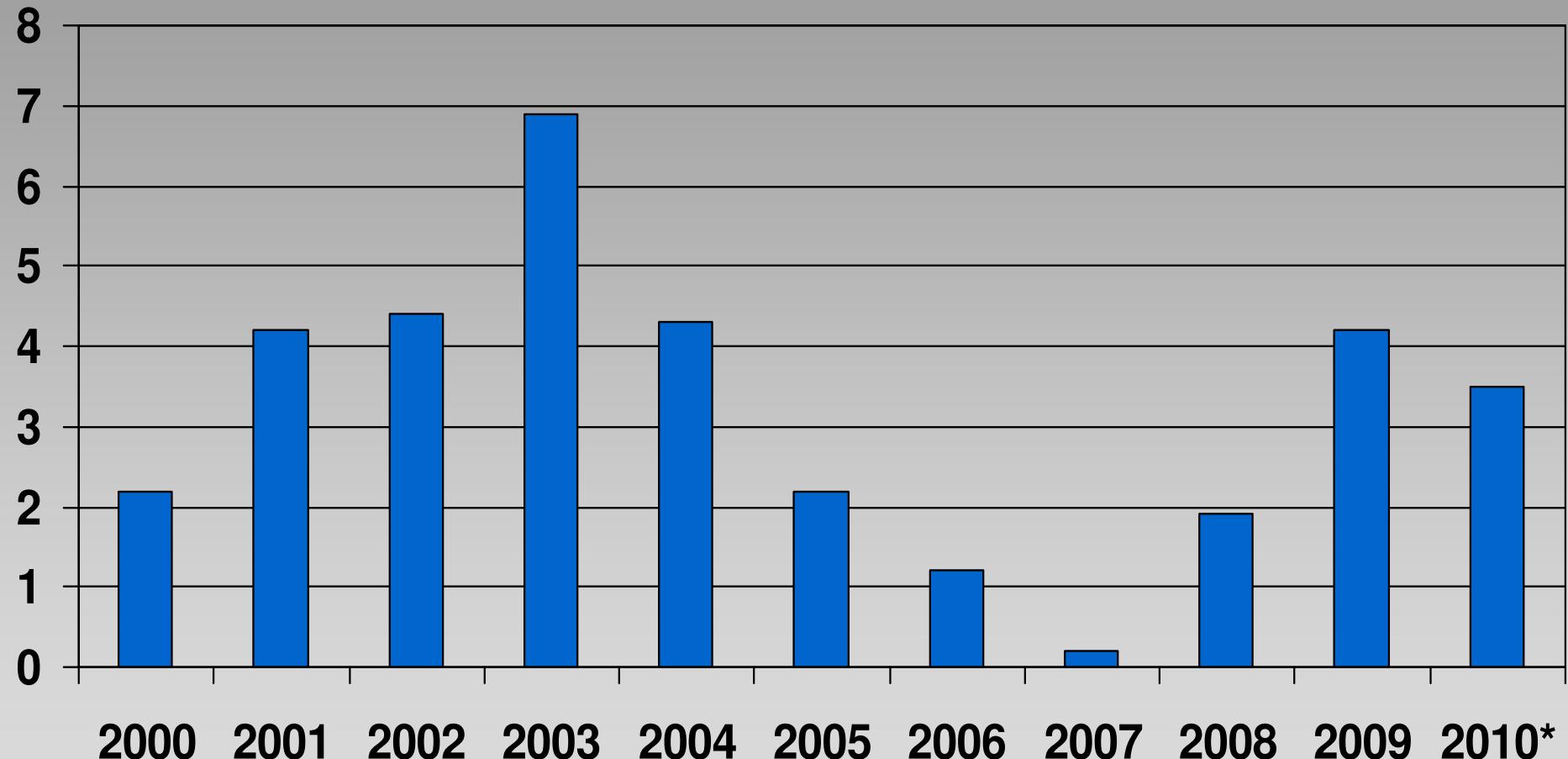
# General Government Expenditure 2000 - 2010

(Percent of GDP)



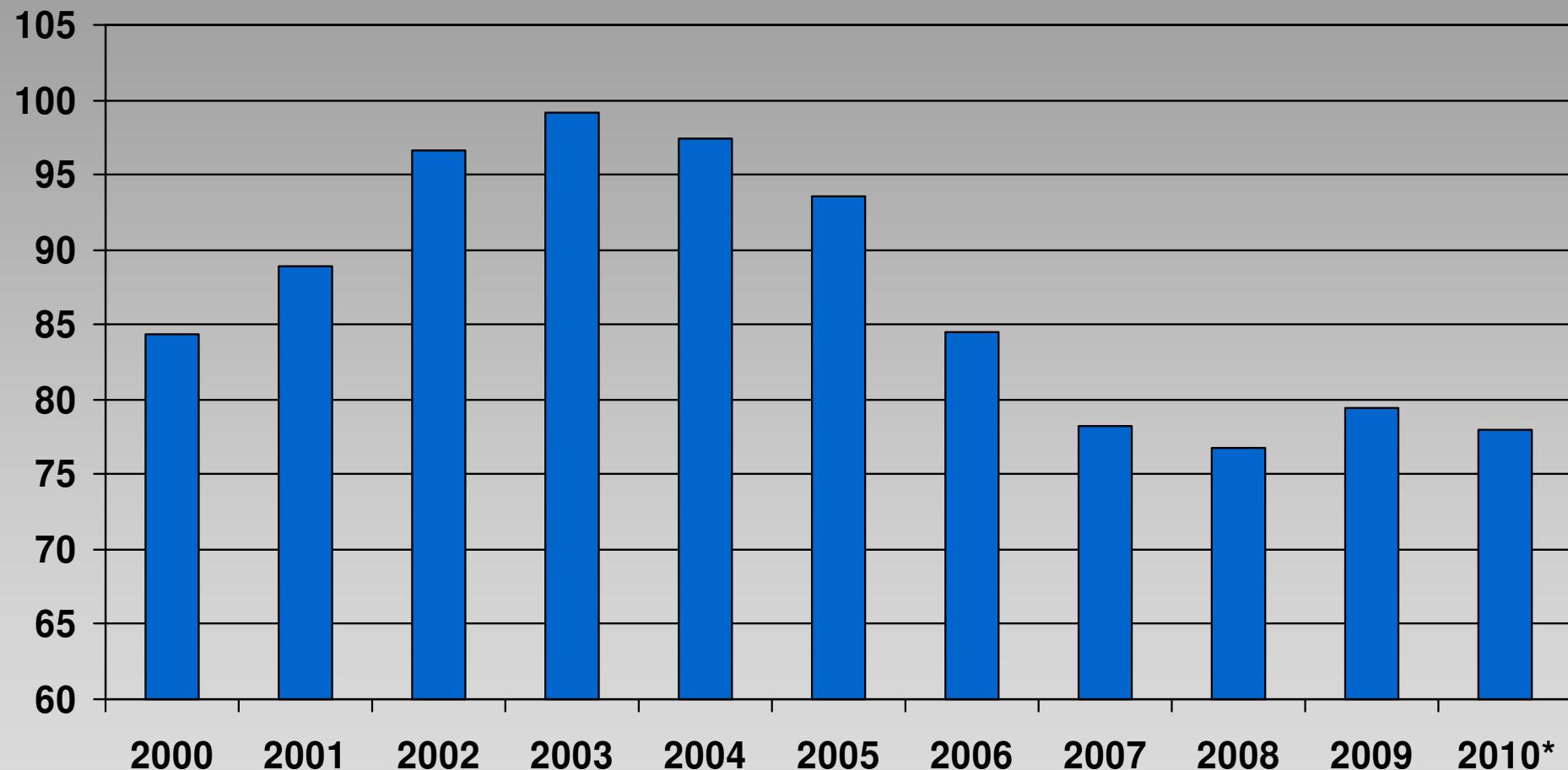
# General Government Deficit 2000 - 2010

(Percent of GDP)



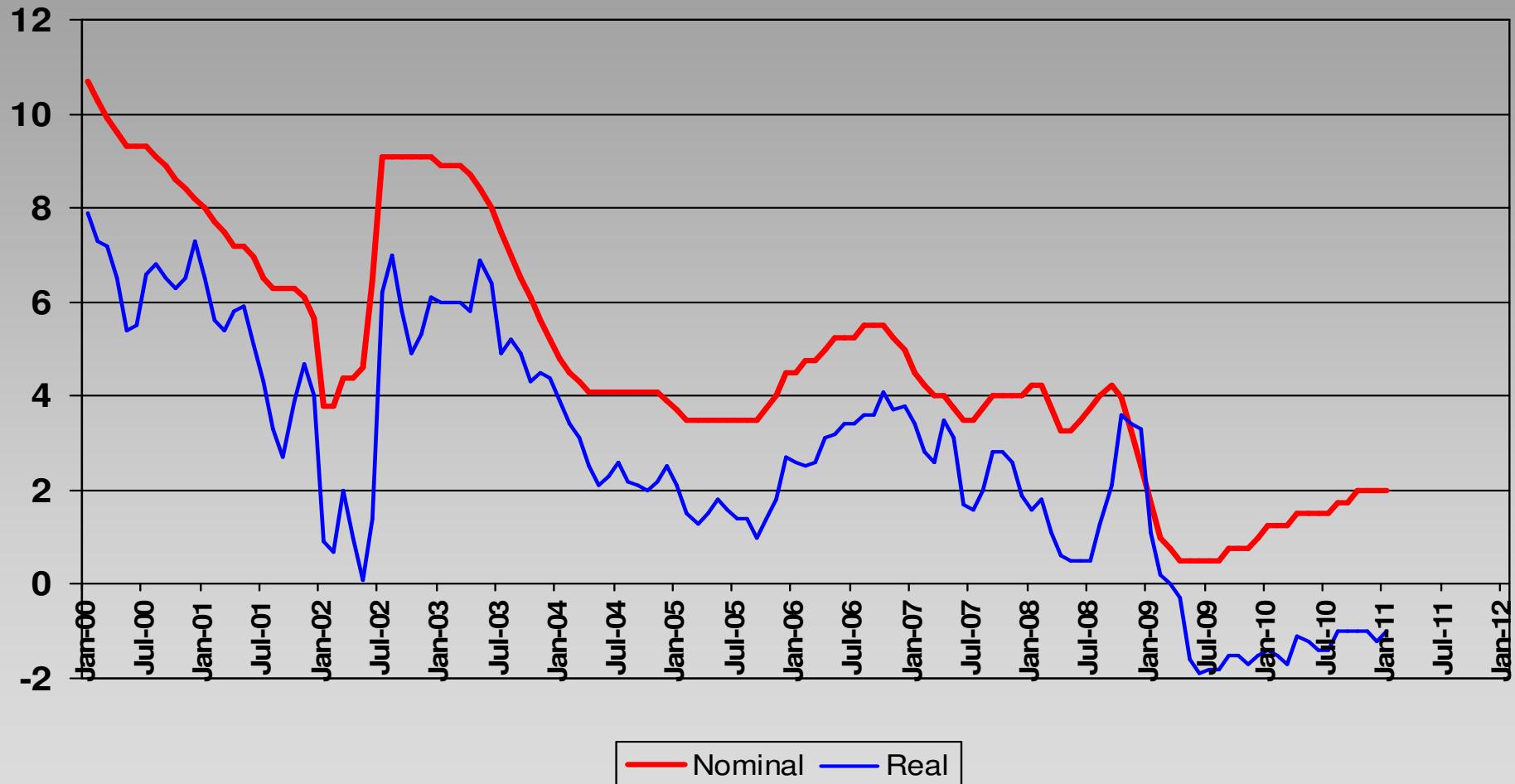
# Public Debt 2000 - 2010

(Percent of GDP, Gross Debt)

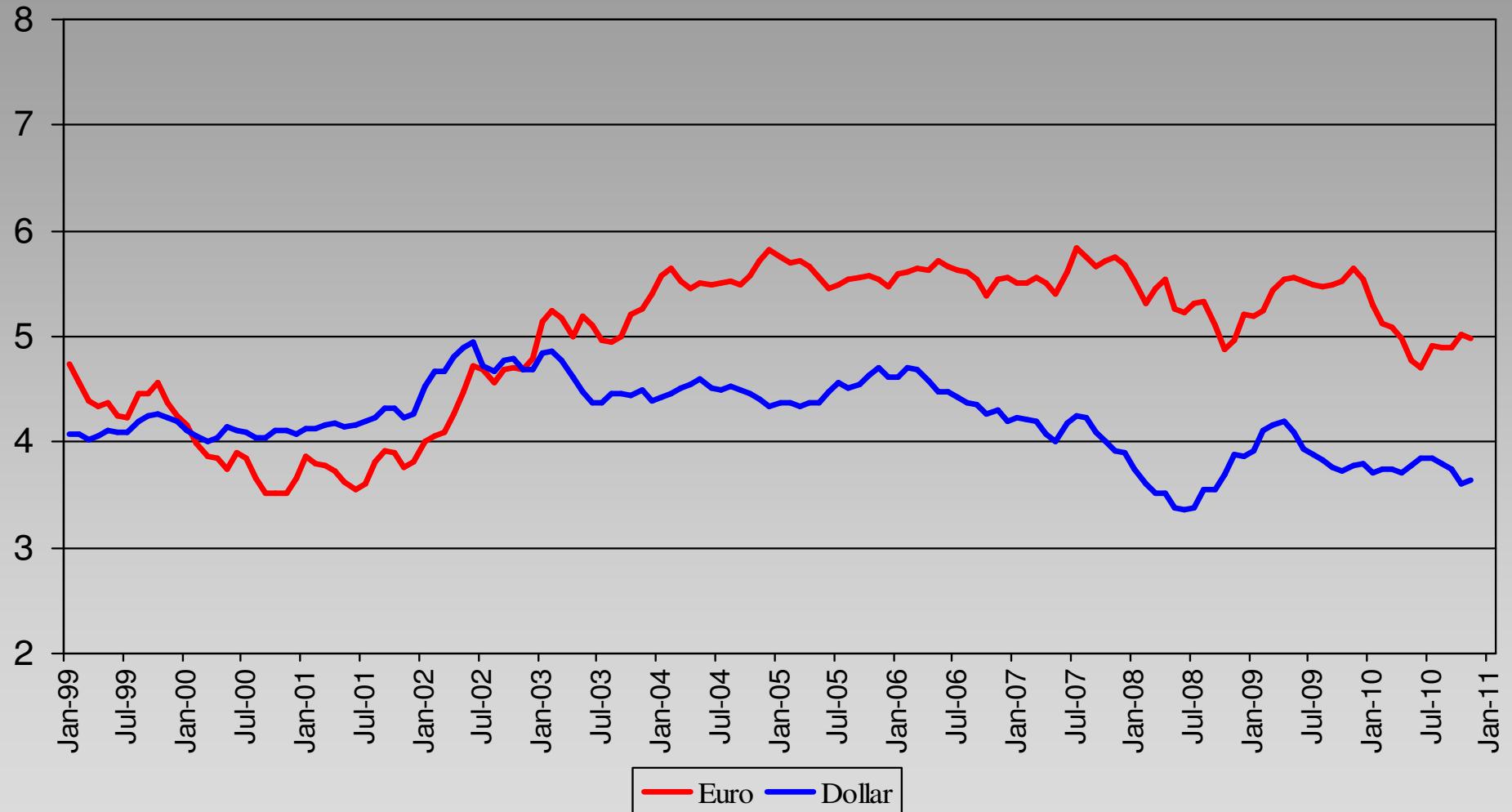


# Bank of Israel Interest Rate 2000 - 2010

(Nominal and Real - Percent)

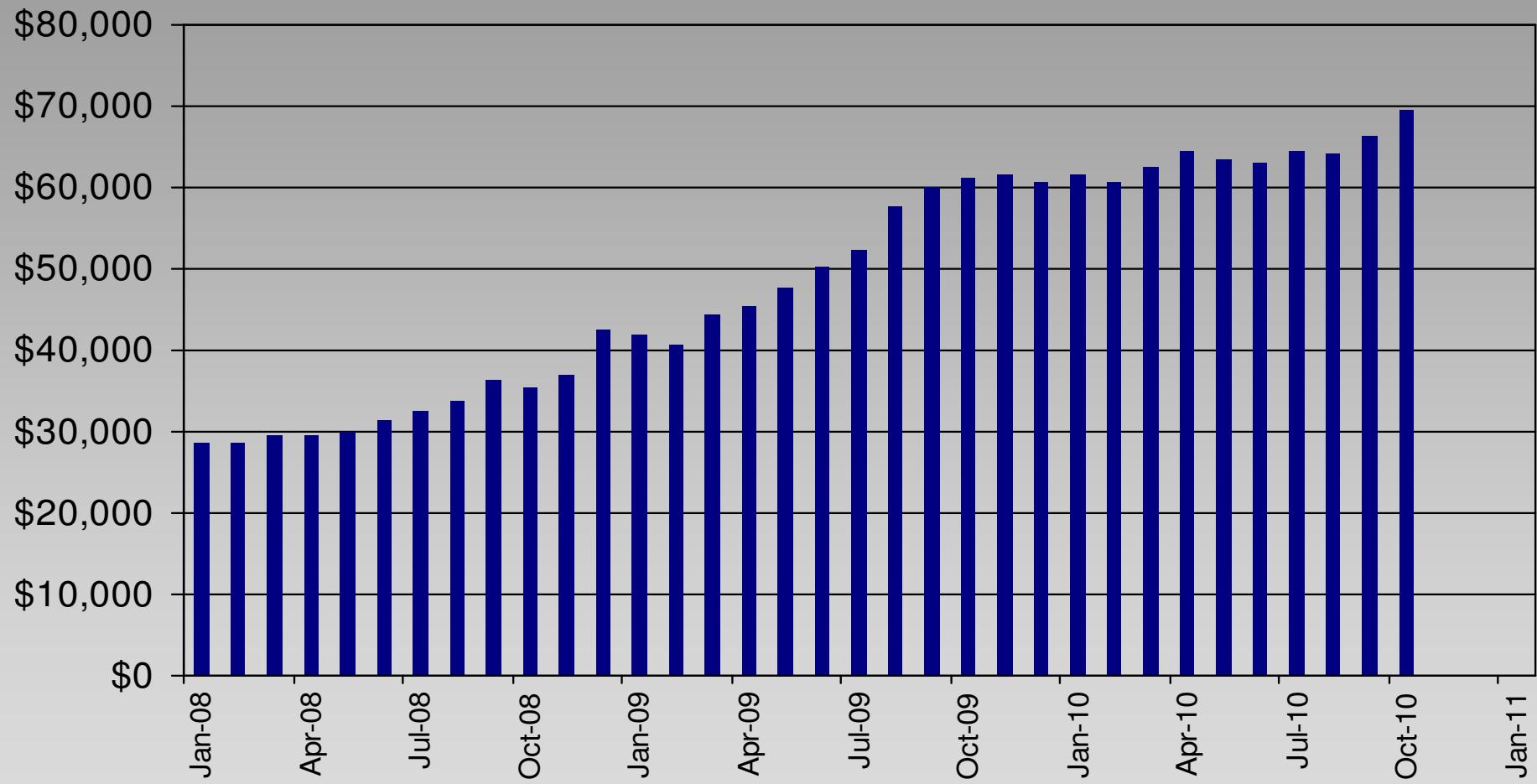


# The Dollar and Euro Exchange Rate 1999 - 2010



# International Reserves 2010

(In US dollars, millions end of the period)

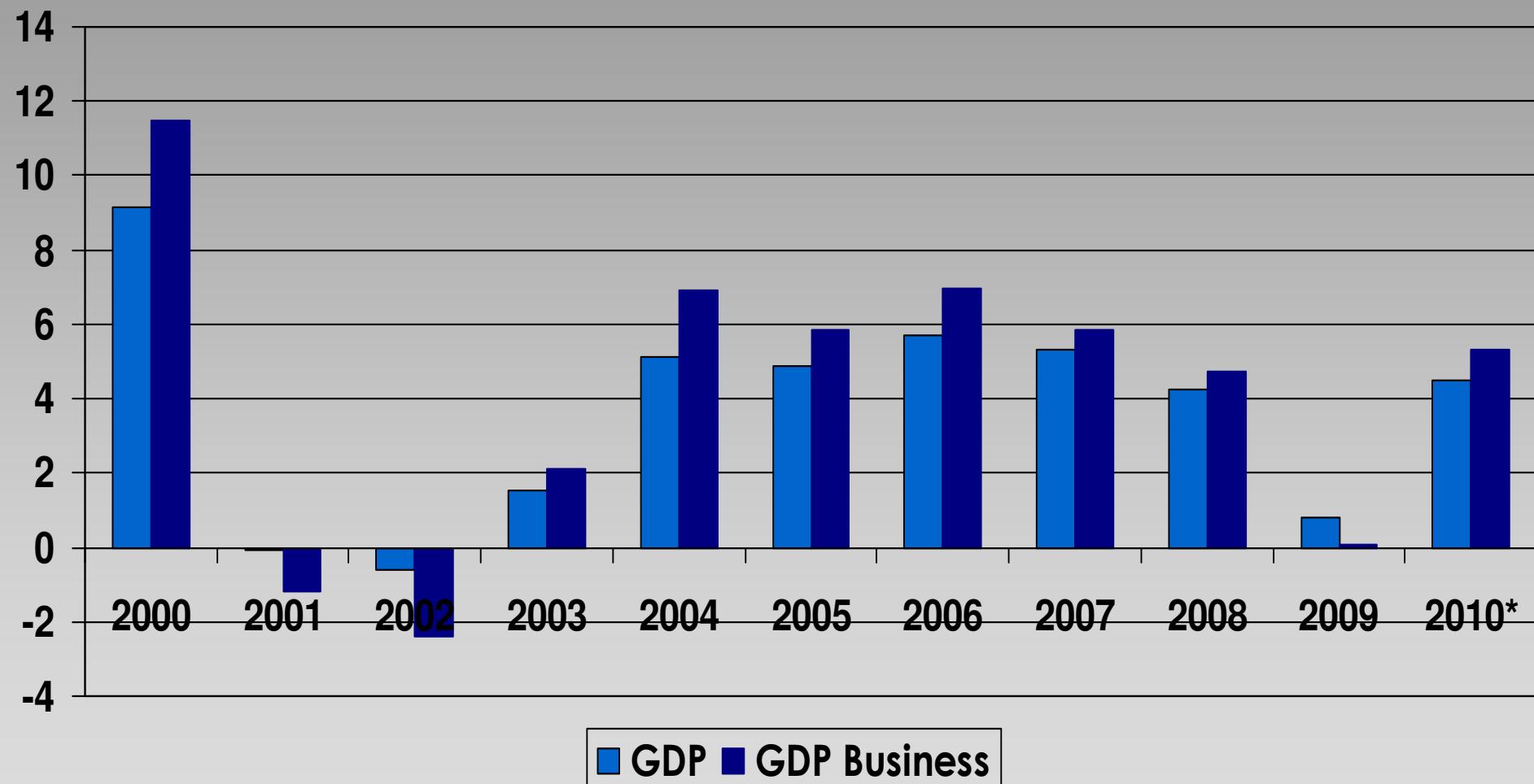


# 3

## Latest Economic Developments

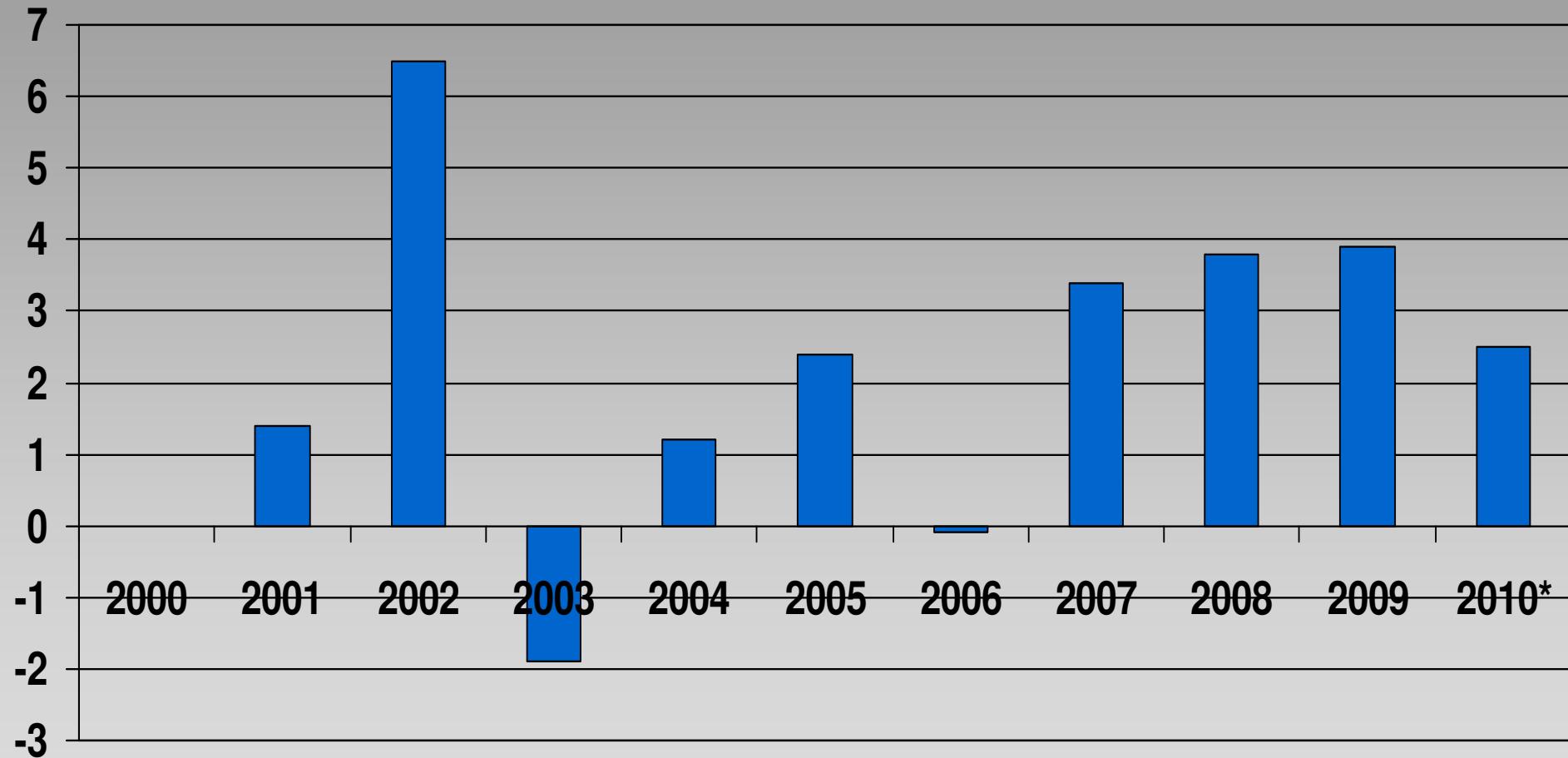
# GDP and Business GDP 2000 - 2010

(Rates of Growth, Percent)



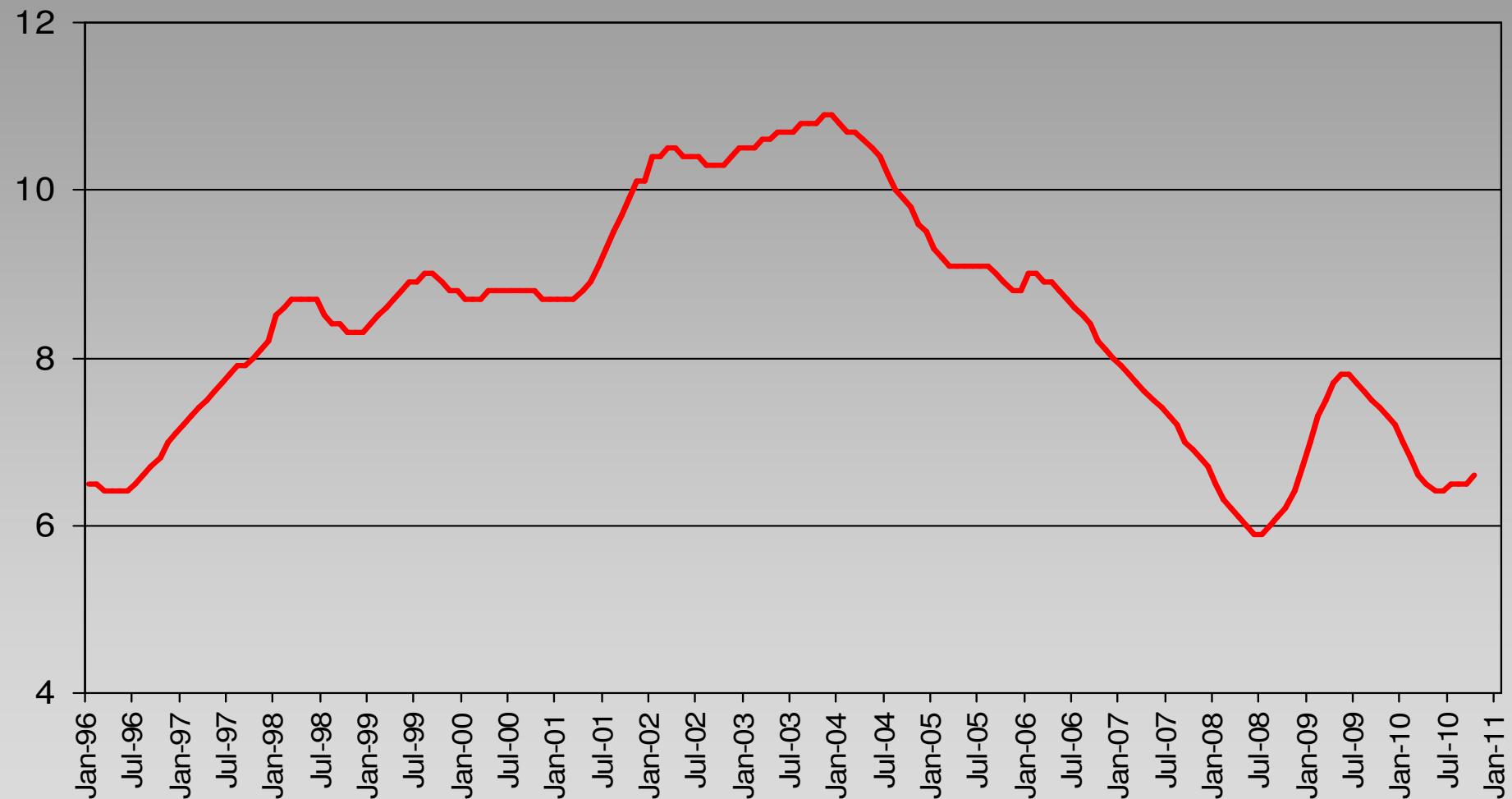
# Rate of Inflation 2000 - 2010

(CPI, Percent)



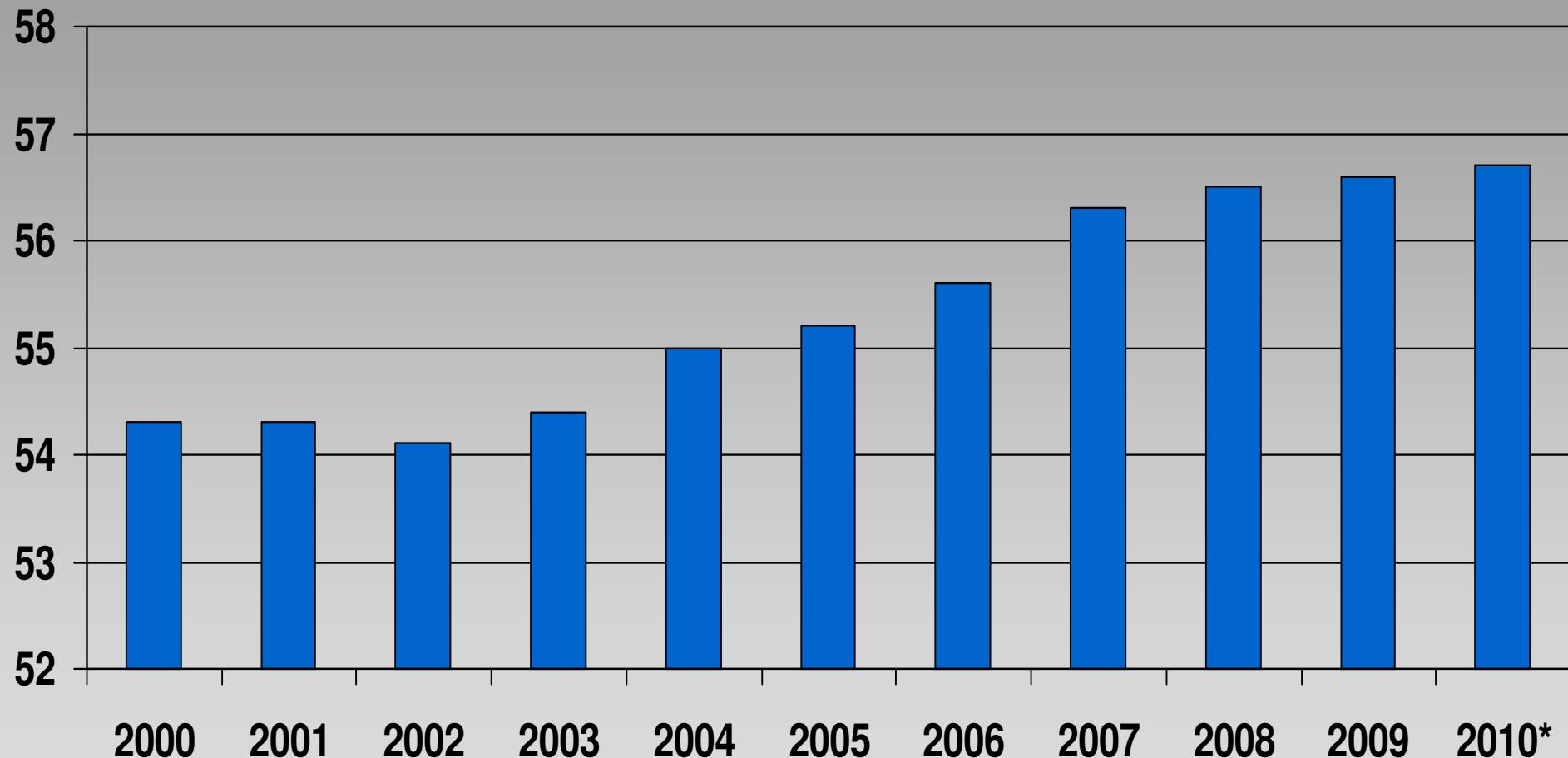
# Unemployment Trend 1996 – 2010

(Percent)



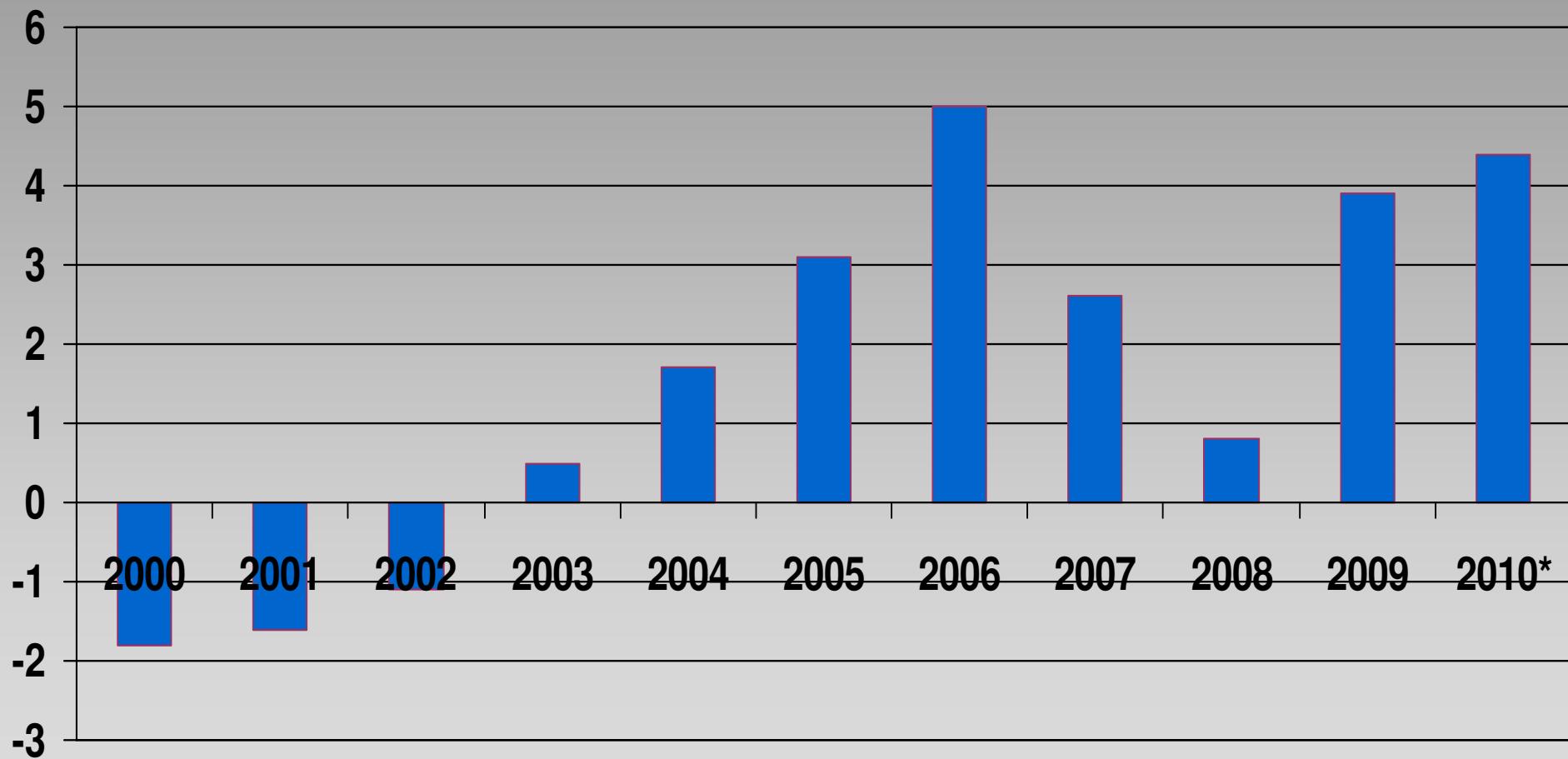
# Labor Force Participation 2000 - 2010

(Percent)



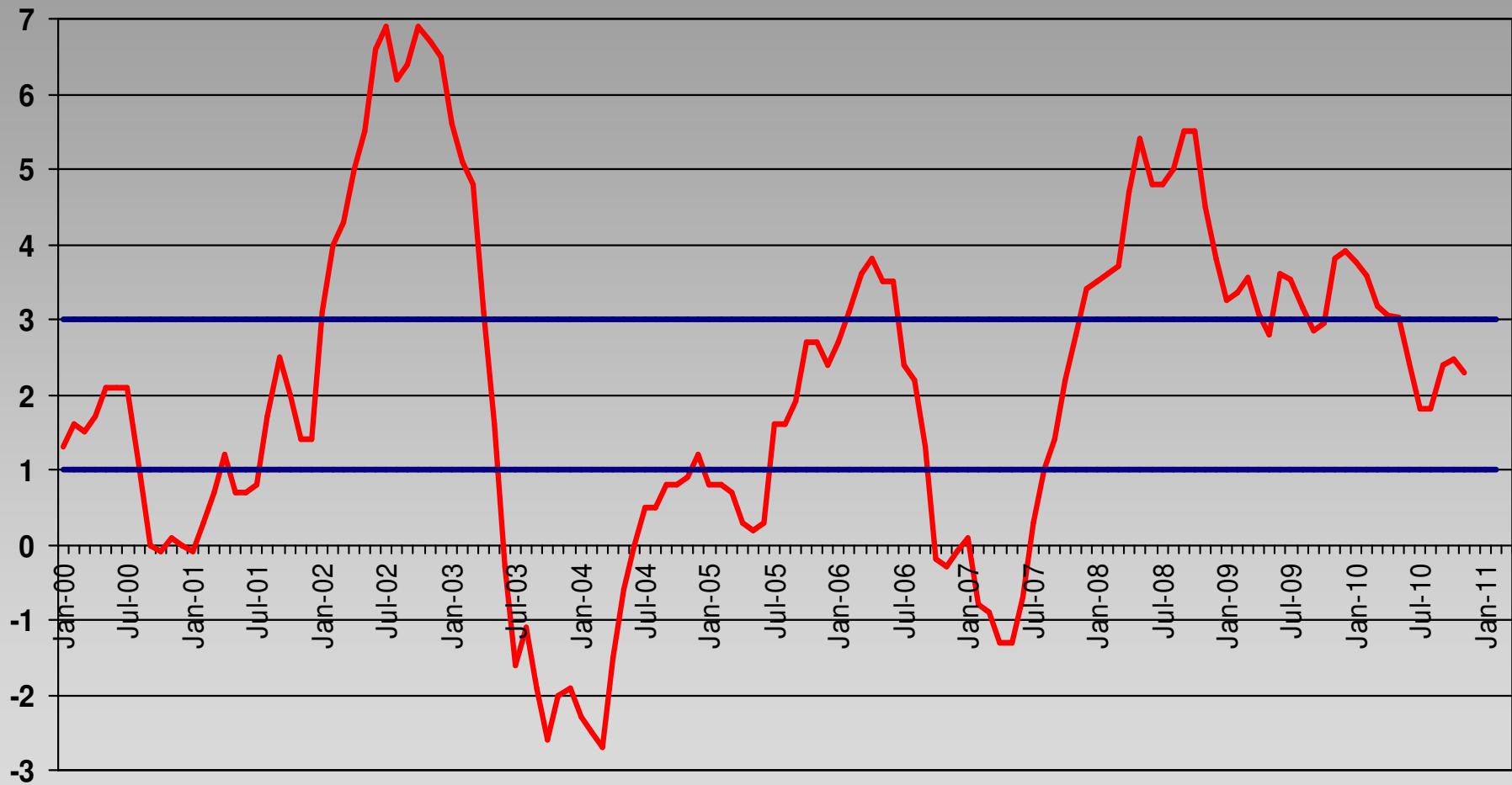
# Current Account 2000 – 2010

(Percent of GDP)



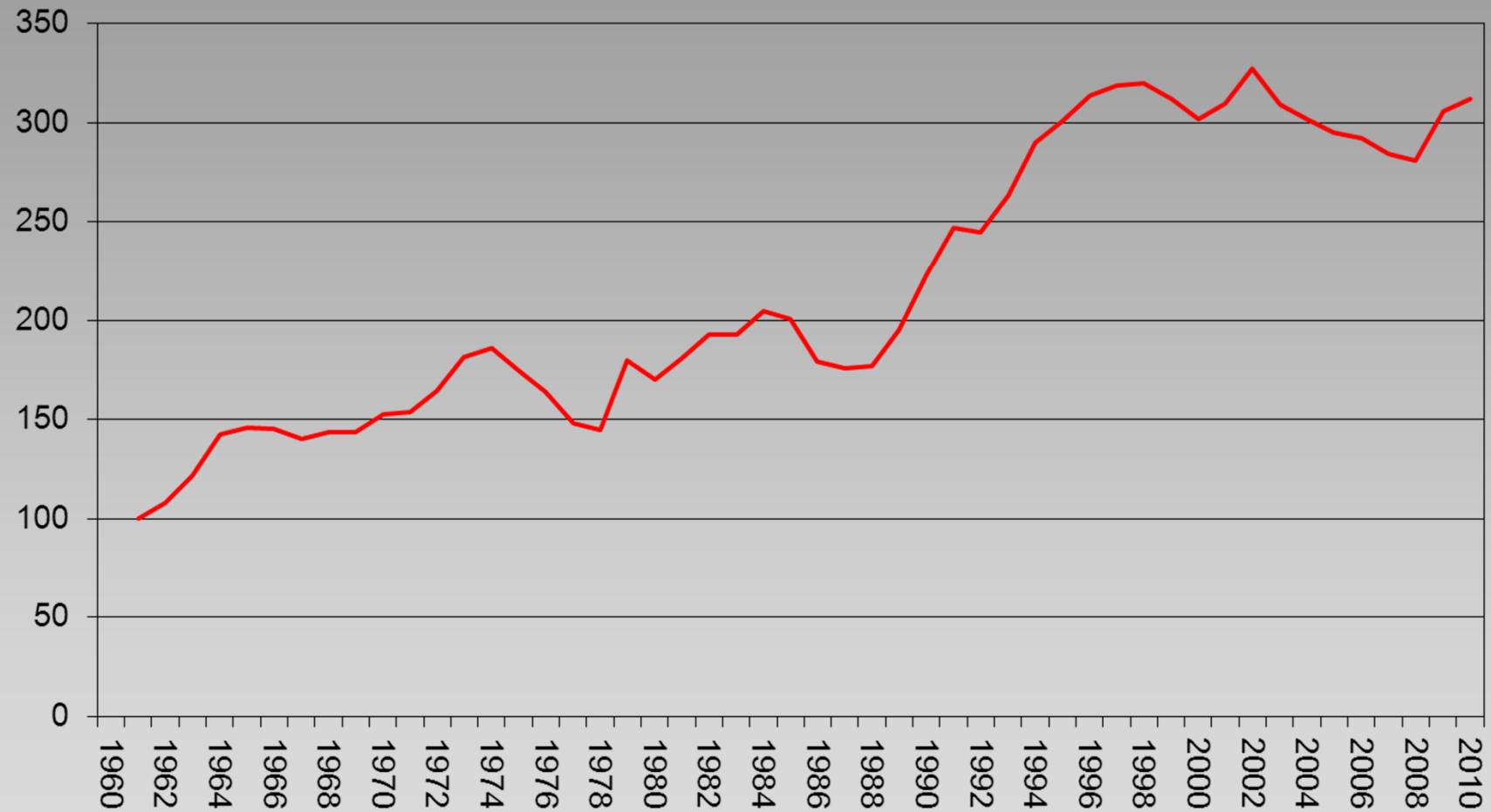
# Consumer Price Index 2000 – 2010

(Percent change in previous 12 months)



# Relative Price of Housing 1961 - 2010

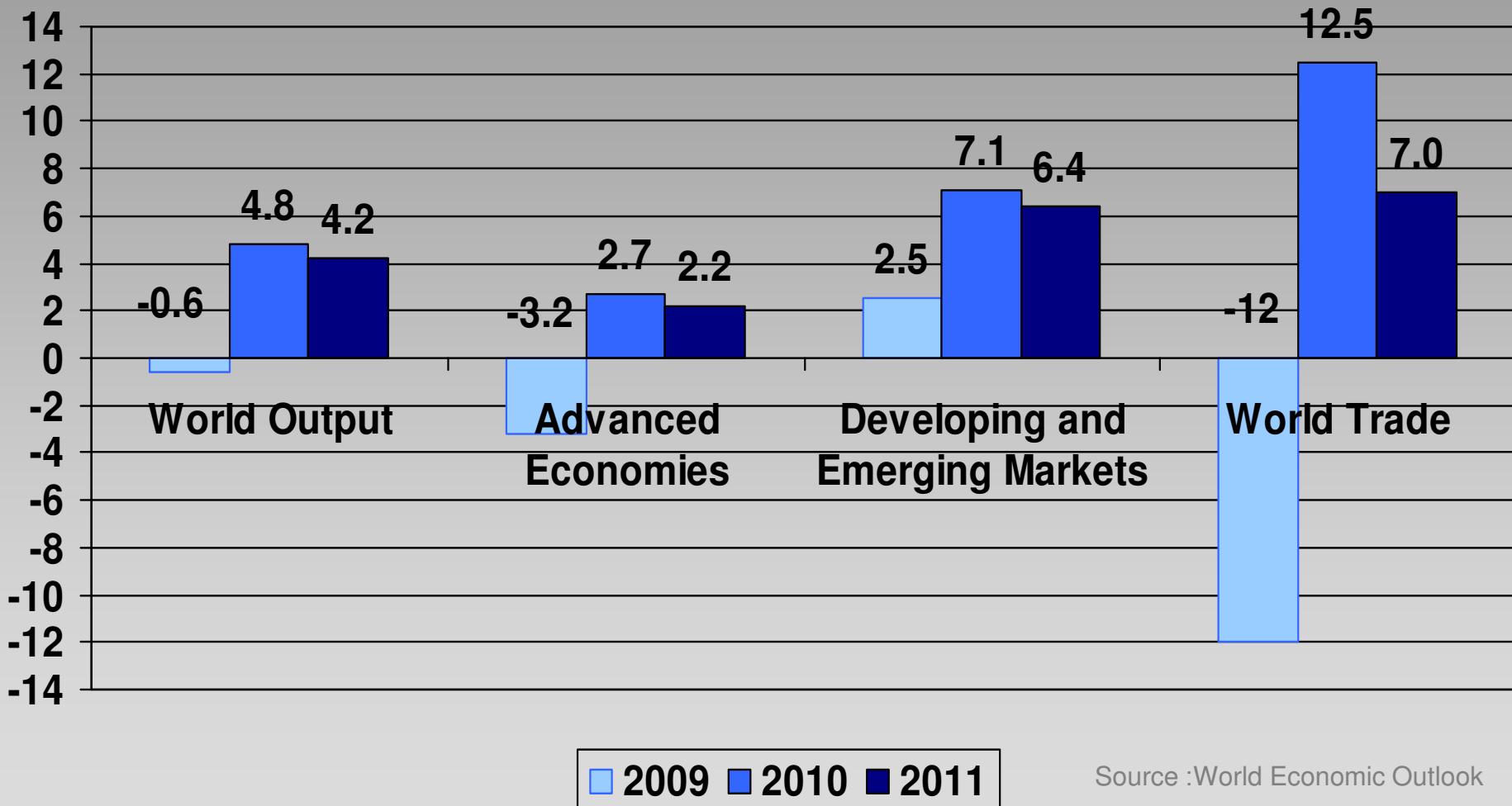
(1961=100)



# 3

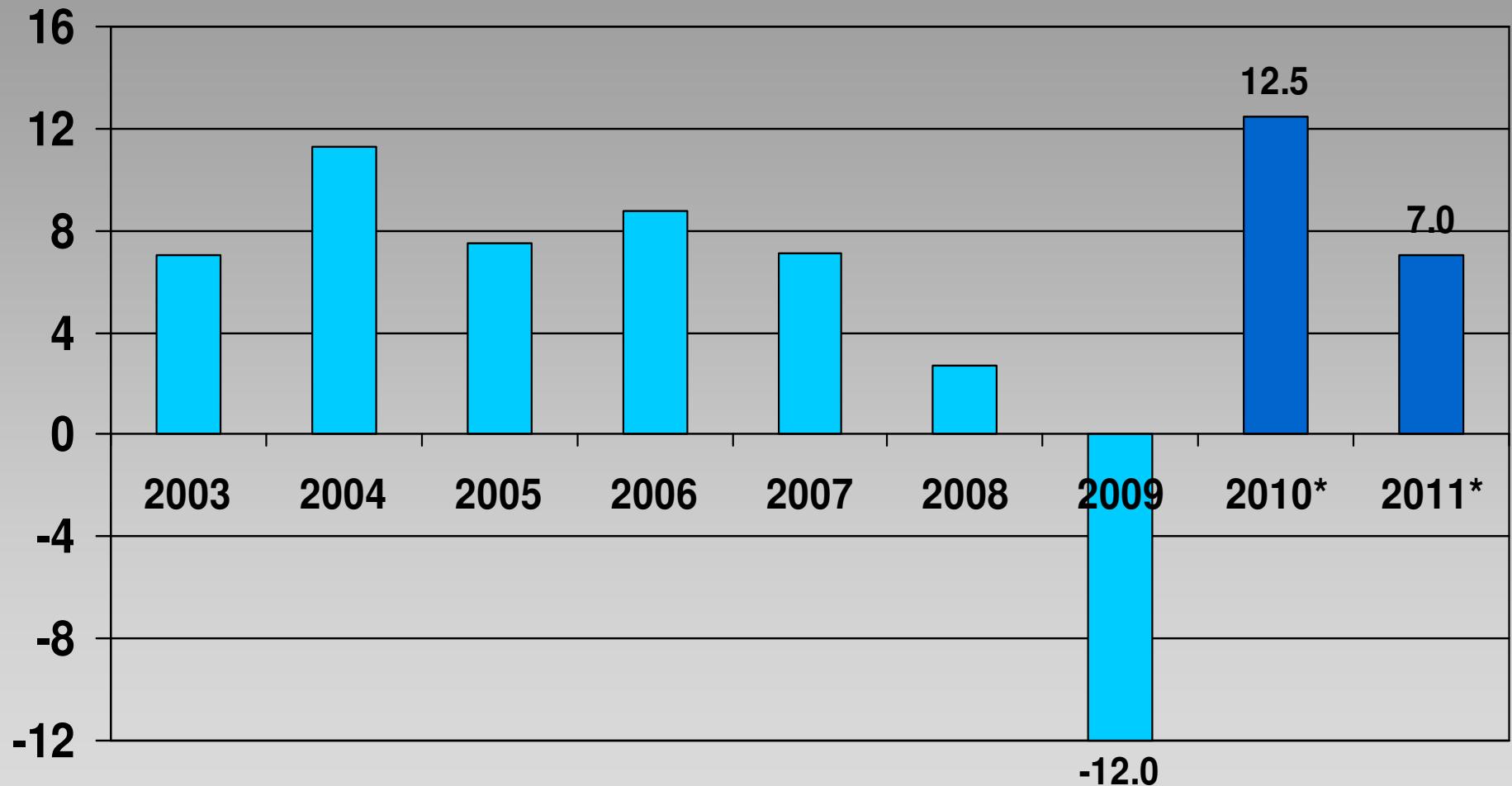
## The World Economy Basic Assumptions

# Latest IMF GDP and World Trade Forecasts 2009 - 2011 (WEO - October 2010)



# World Trade Volume 2003 - 2011

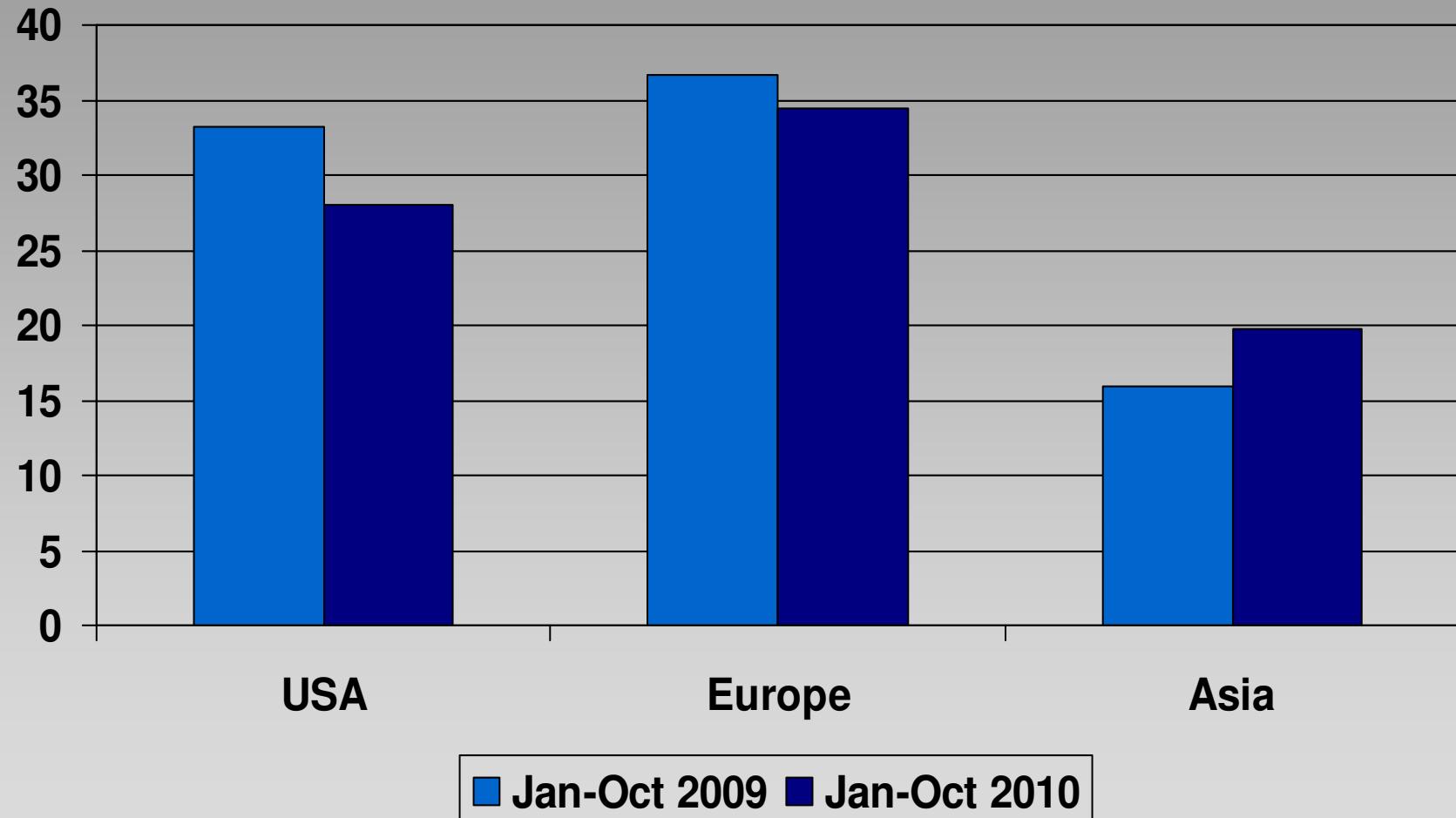
(Annual Percent Change, IMF WEO October 2010)



\*Forecast

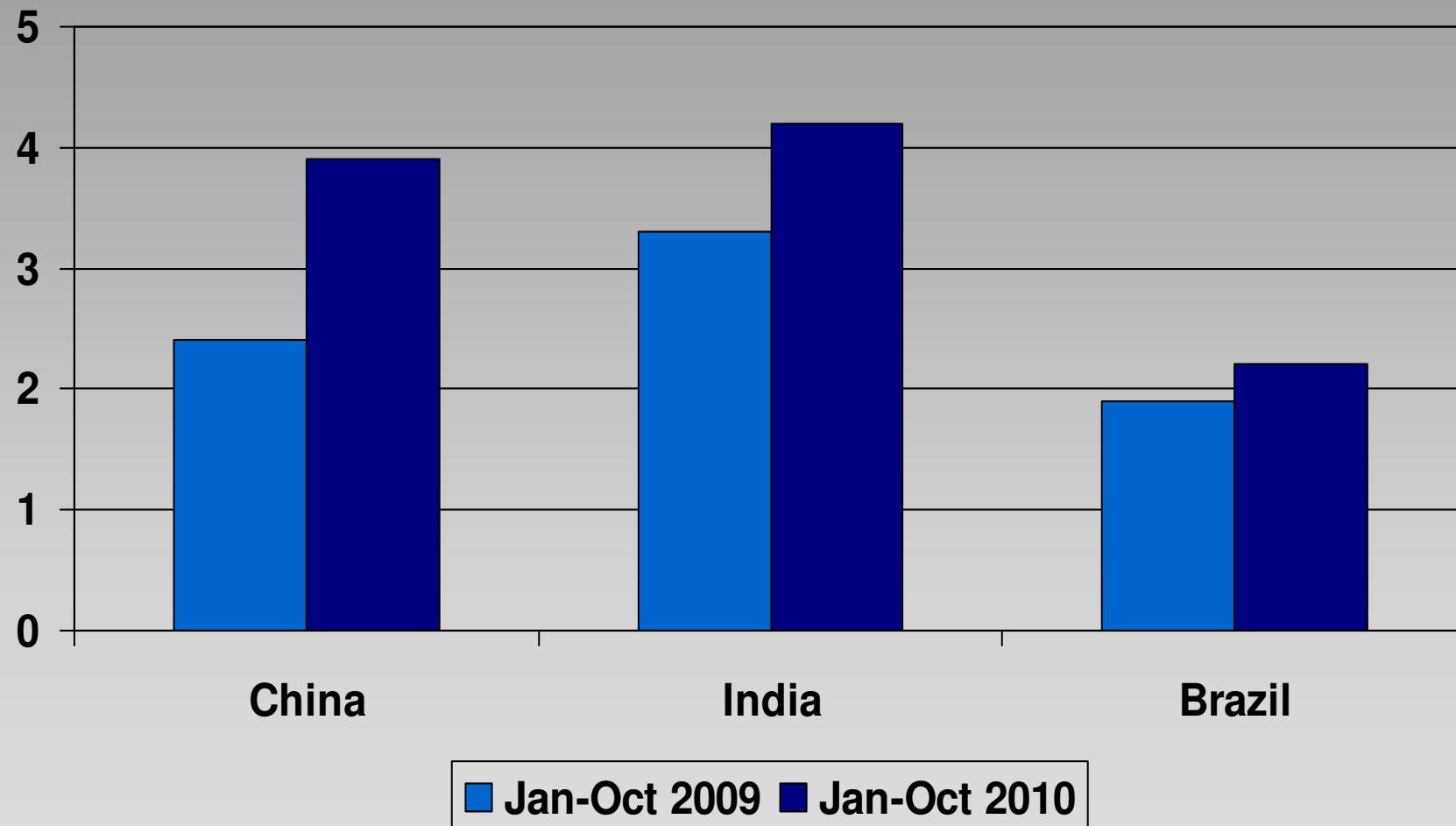
# Export Shares

(excl. Diamond, percent)



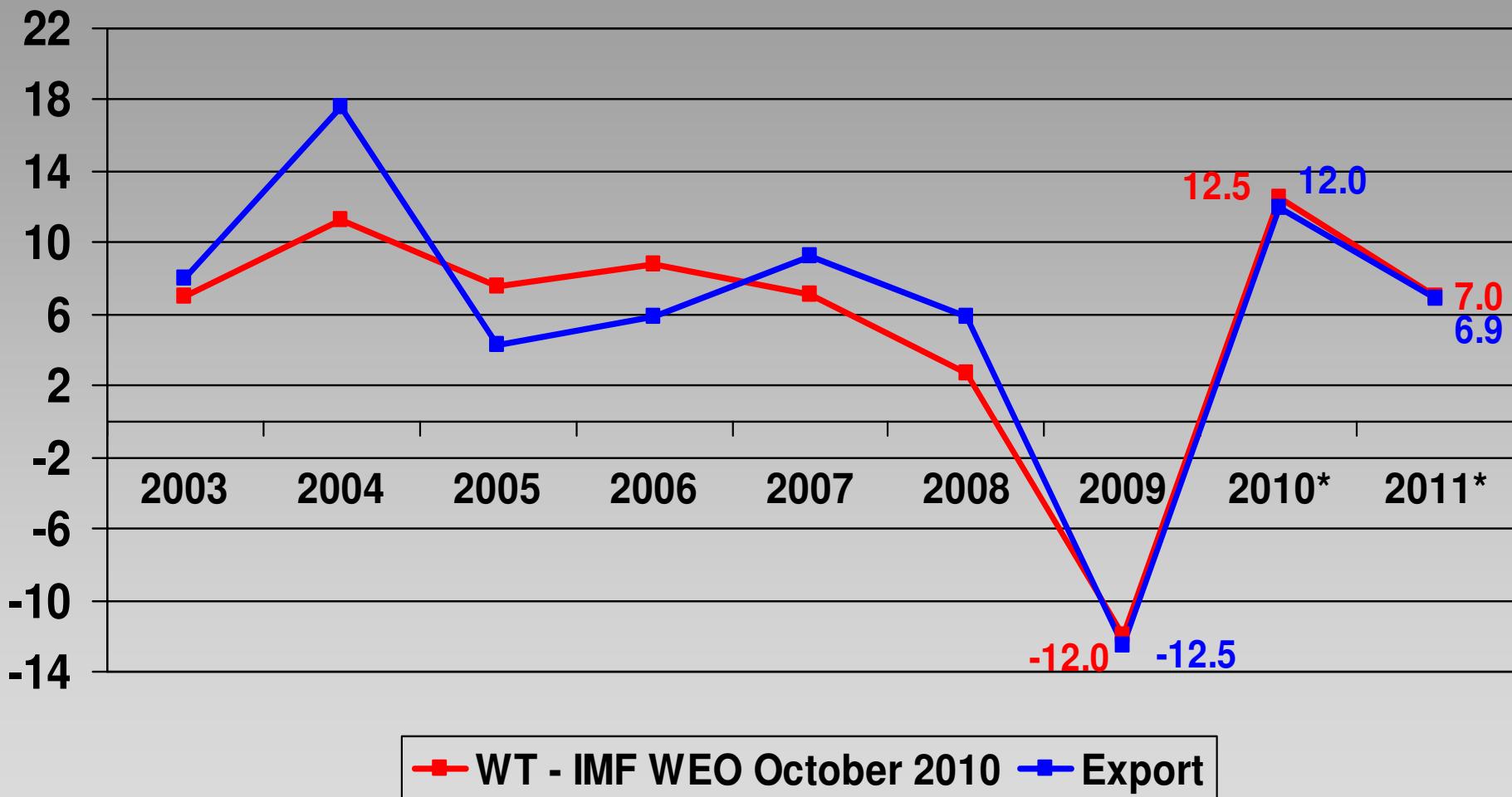
# Export Shares – Growing Countries

(excl. Diamond, percent)



# World Trade Volume and Exports 2003 - 2011

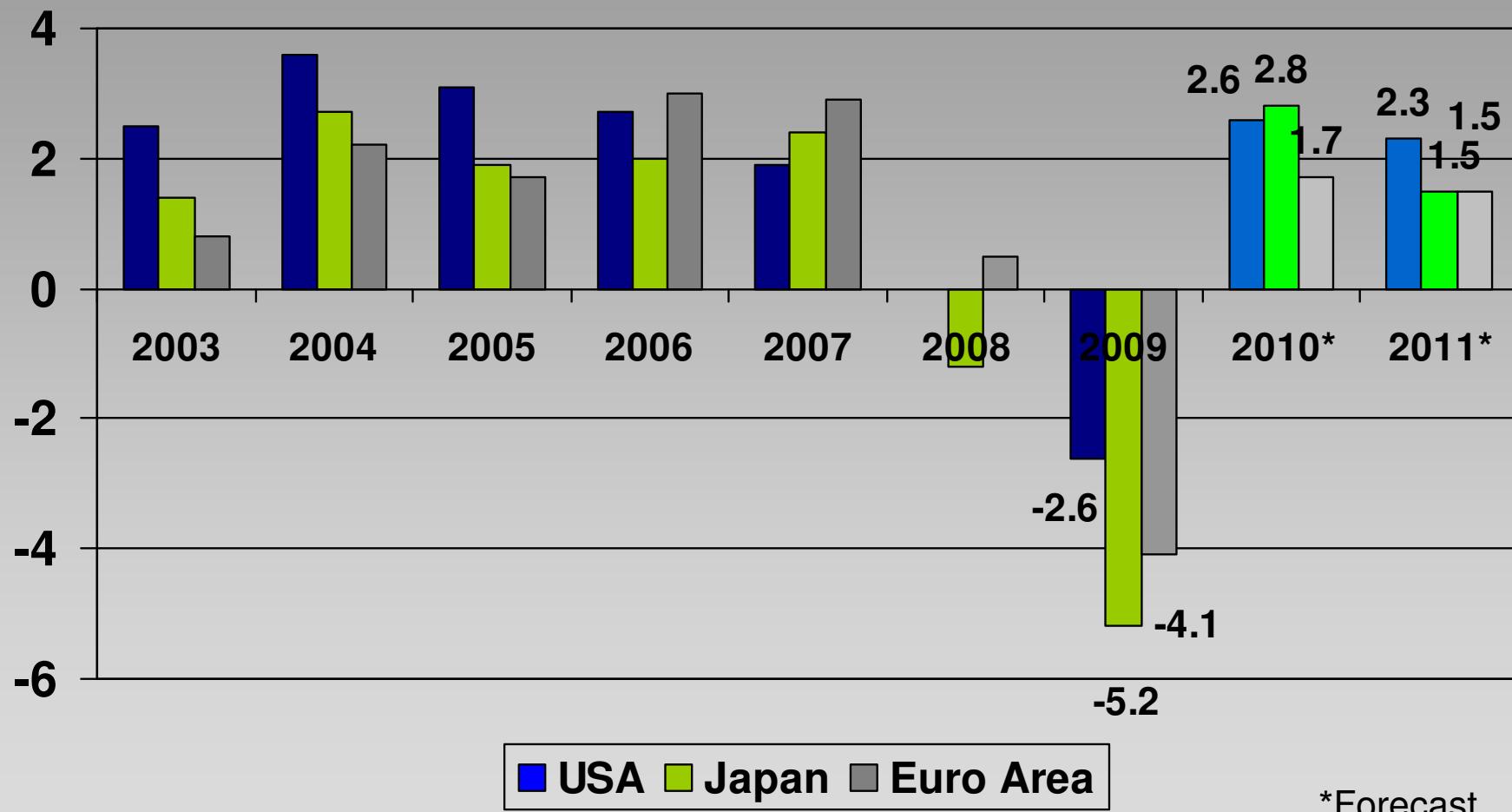
(Annual Percent Change)



\*Forecast

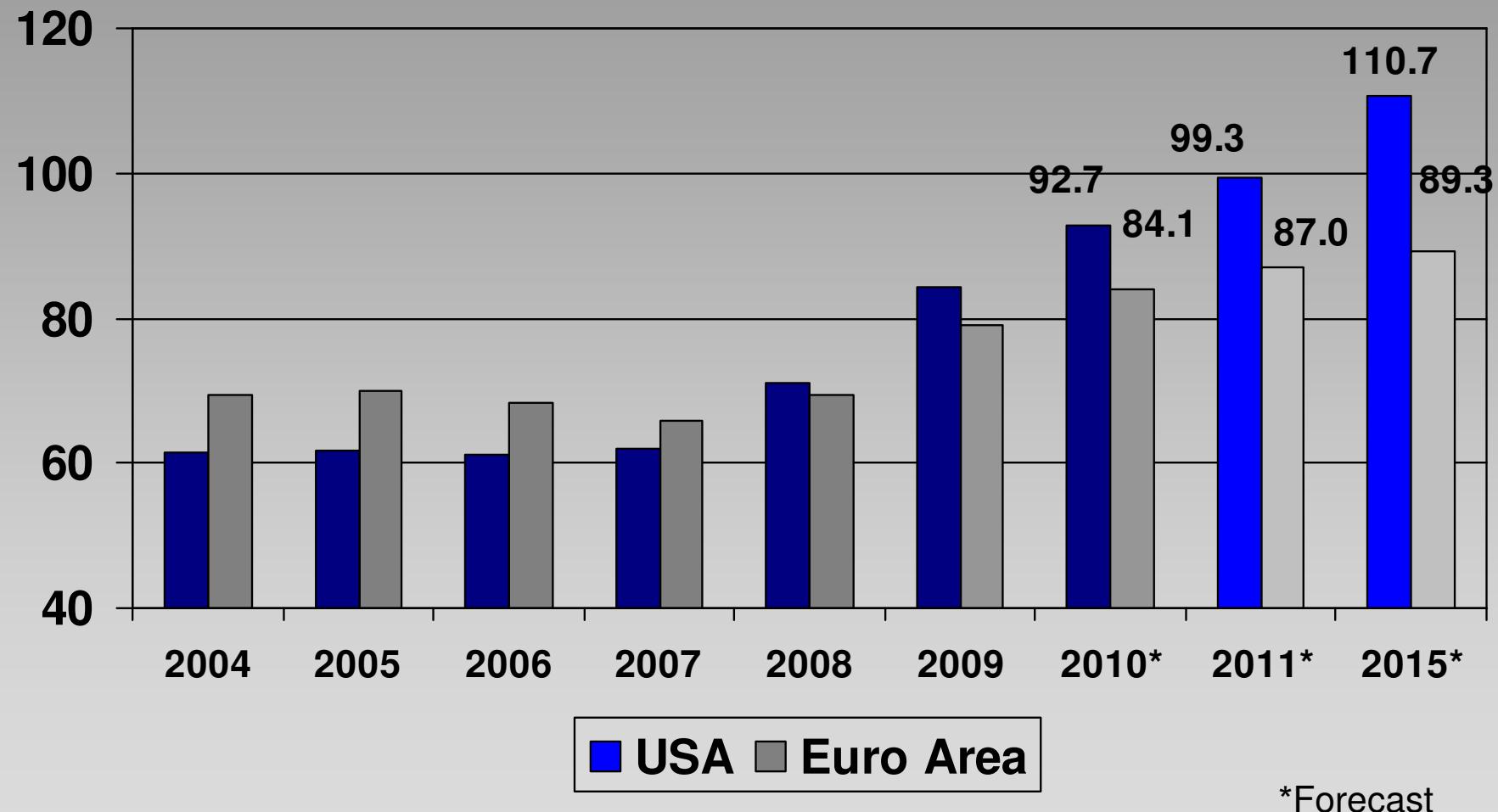
# Real GDP Growth 2003 - 2011

(Annual Percent Change, IMF WEO October 2010)



# General Government Gross Debt '03 – '11

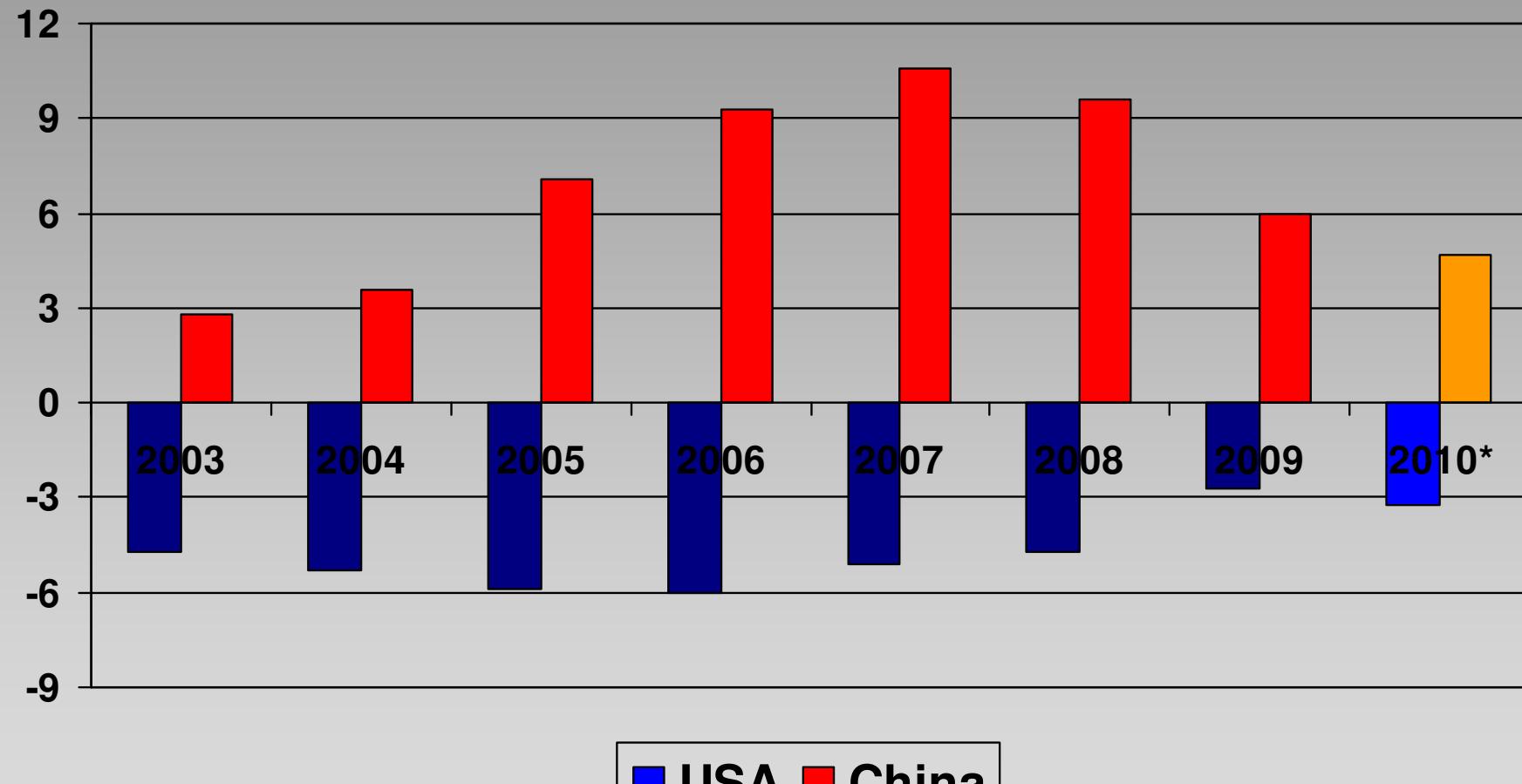
(Percent of GDP, IMF WEO October 2010)



\*Forecast

# Current Account 2003-2011

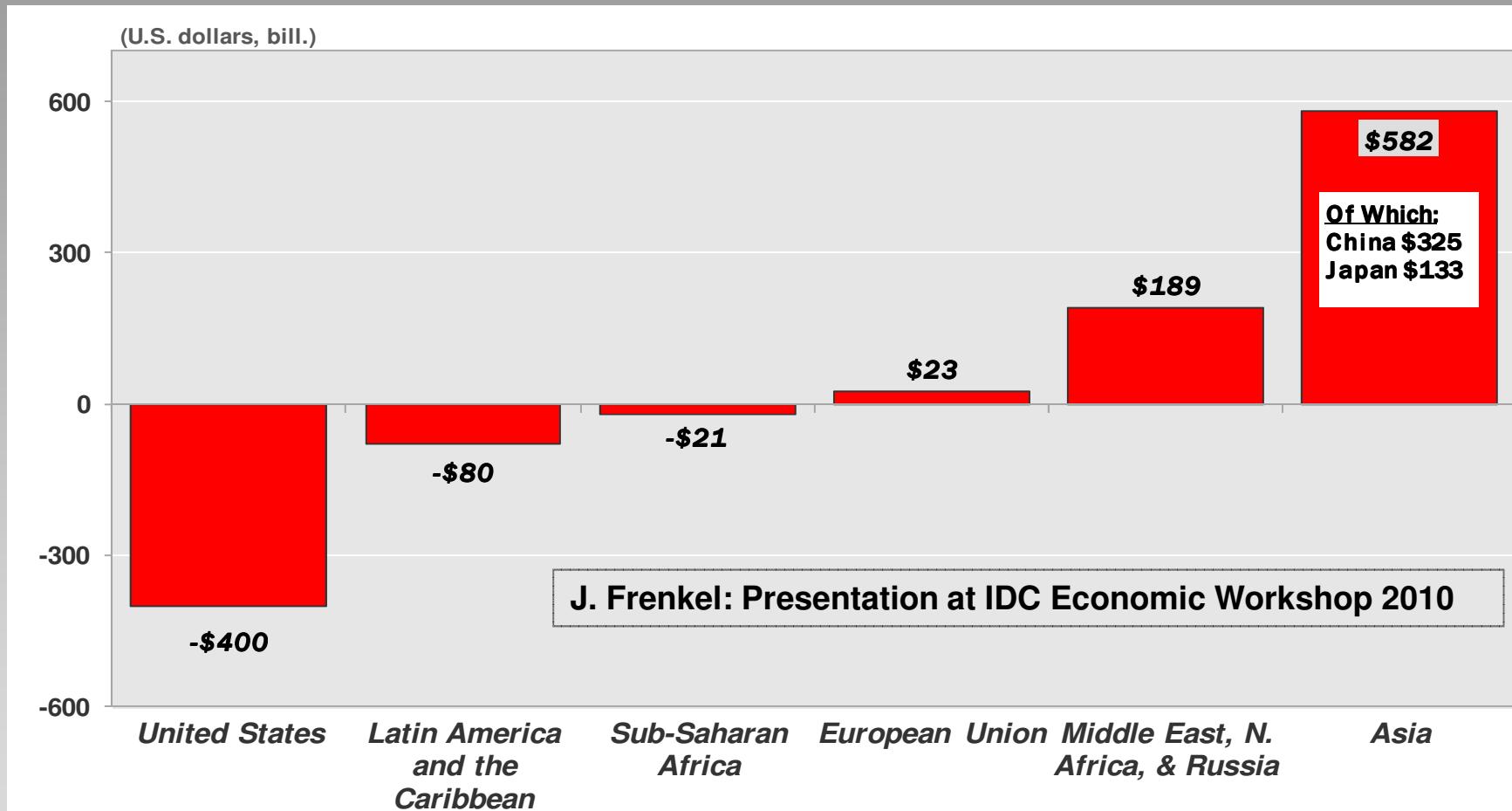
(Percent of GDP, IMF WEO October 2010)



■ USA ■ China

\*Forecast

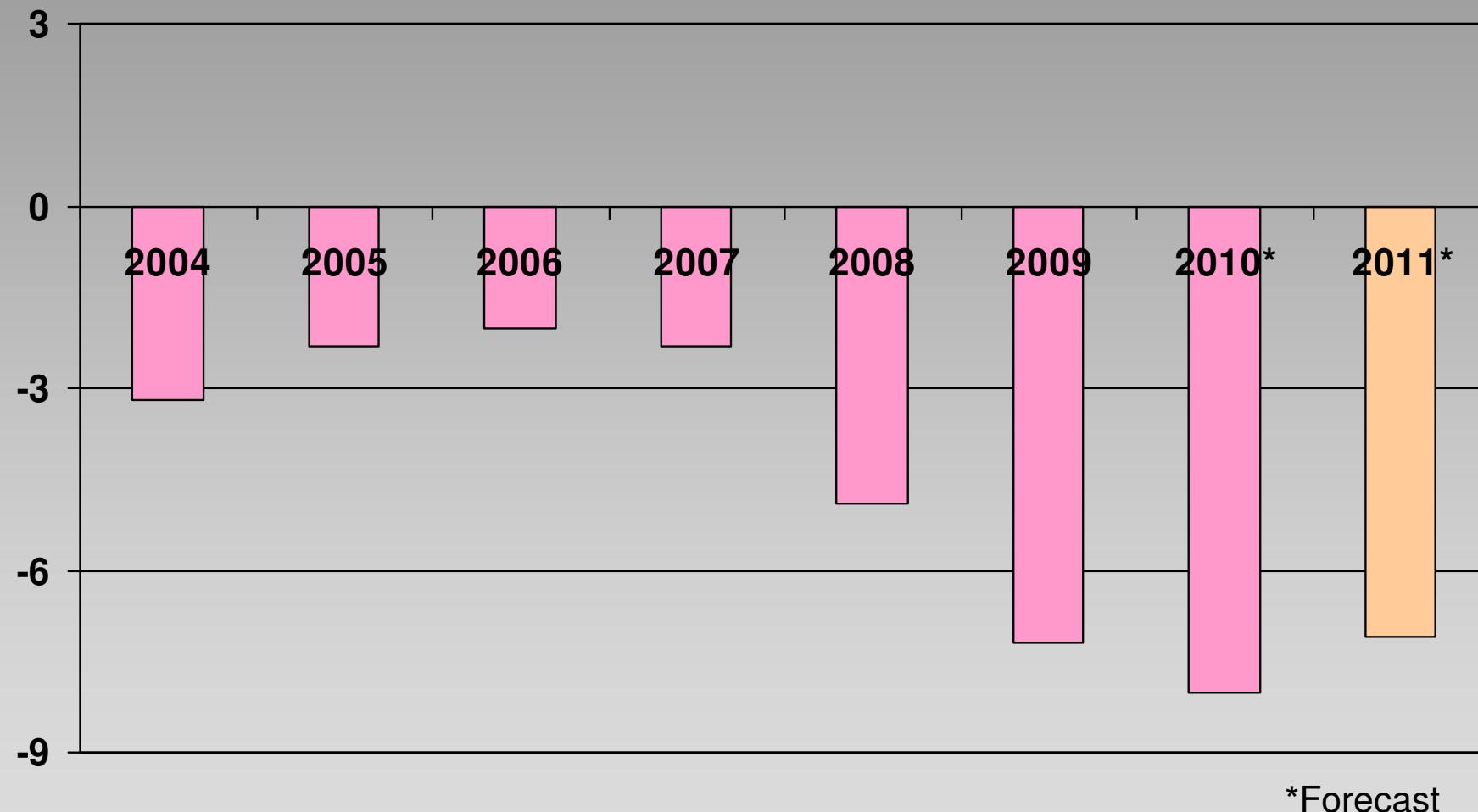
# Current Account of Balance of Payments



Source: IMF, last update Oct 01 2010, WEO (2011 Forecast)

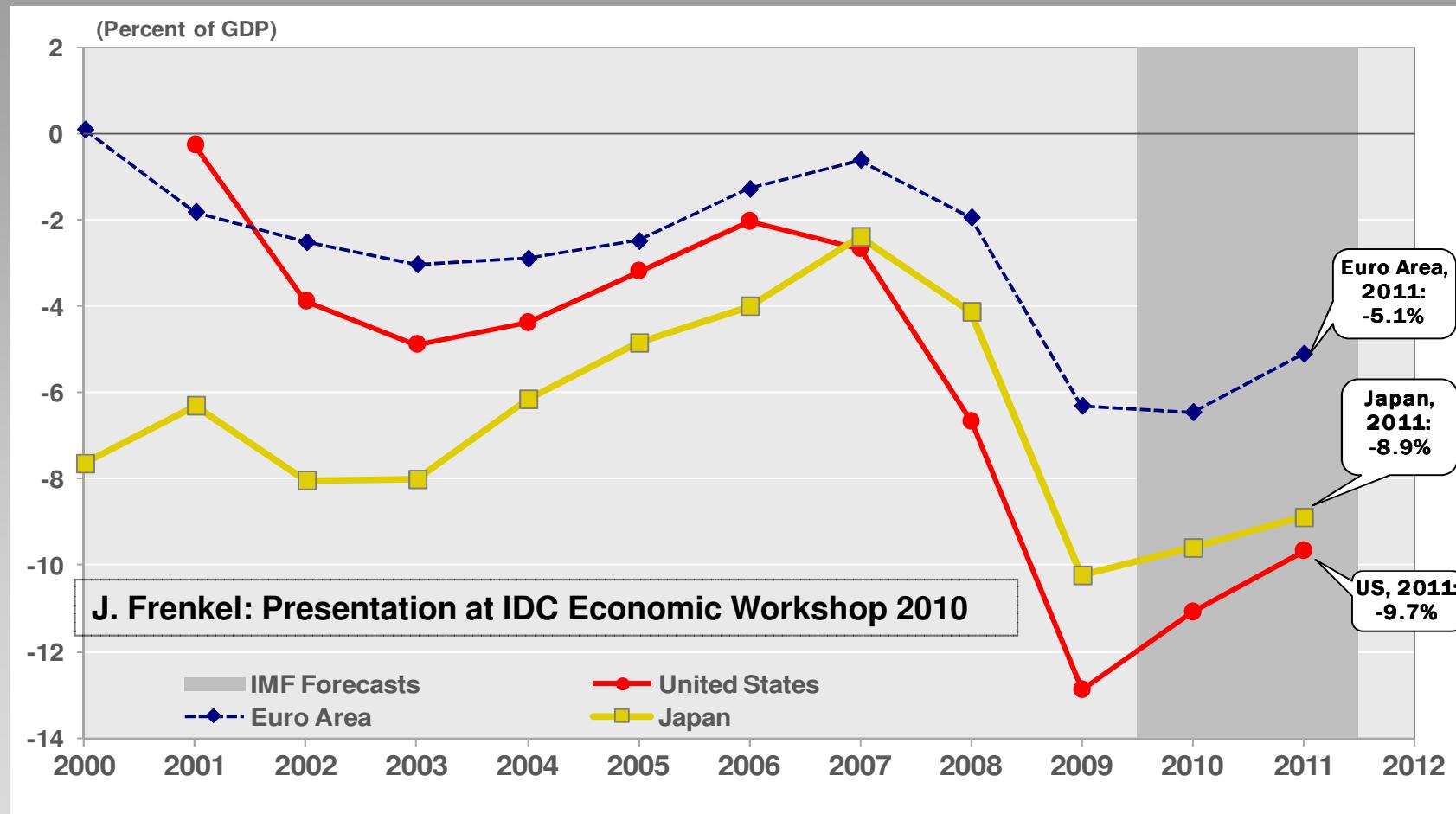
# US Fiscal Structural Balance 2003-2011

(Percent of GDP, IMF WEO October 2010)



# Fiscal Positions:

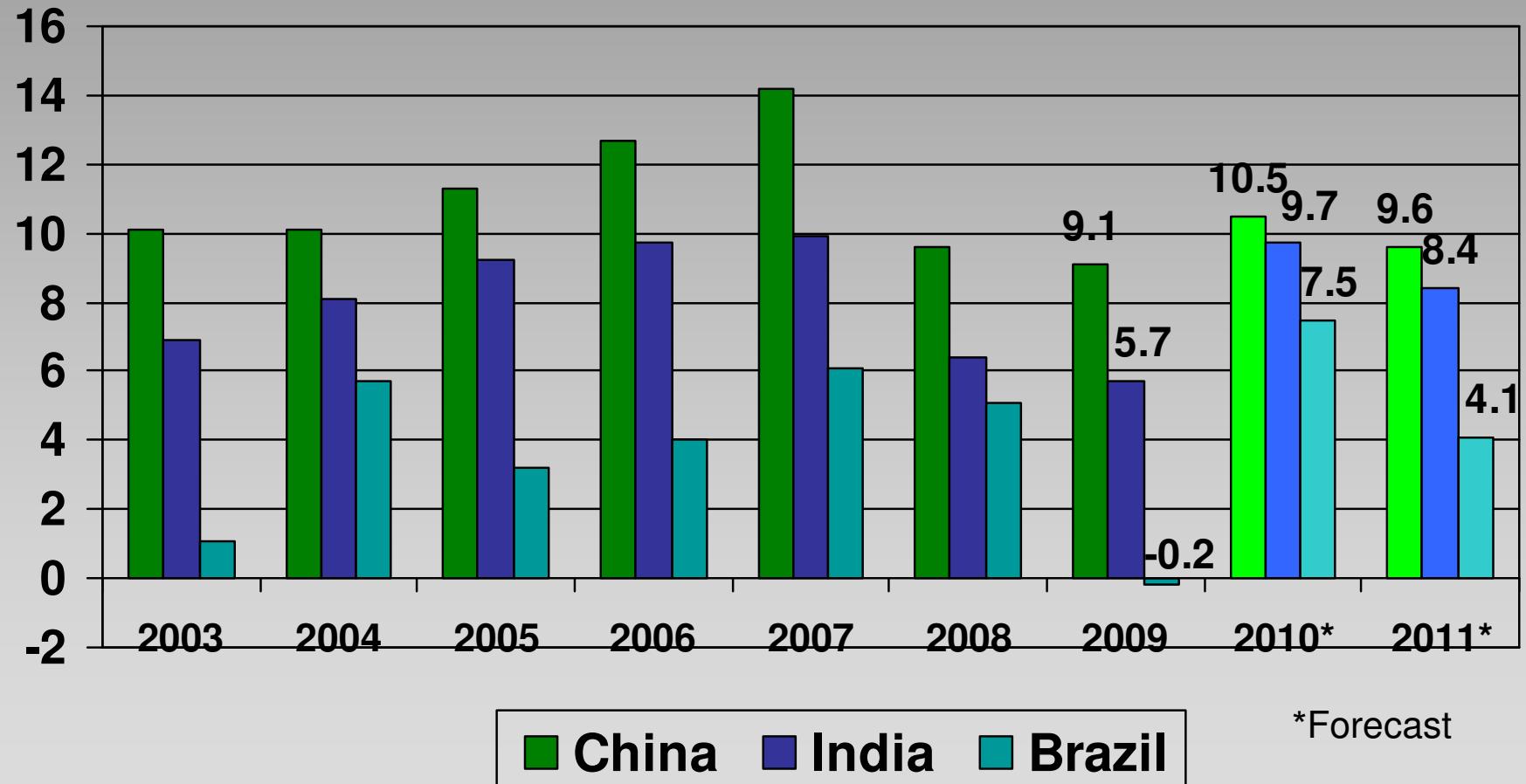
## General Government Net Lending/Borrowing



Source: IMF, WEO Database, last update Oct 1 2010, WEO (2009 Estimate, 2010 & 2011 Forecast)

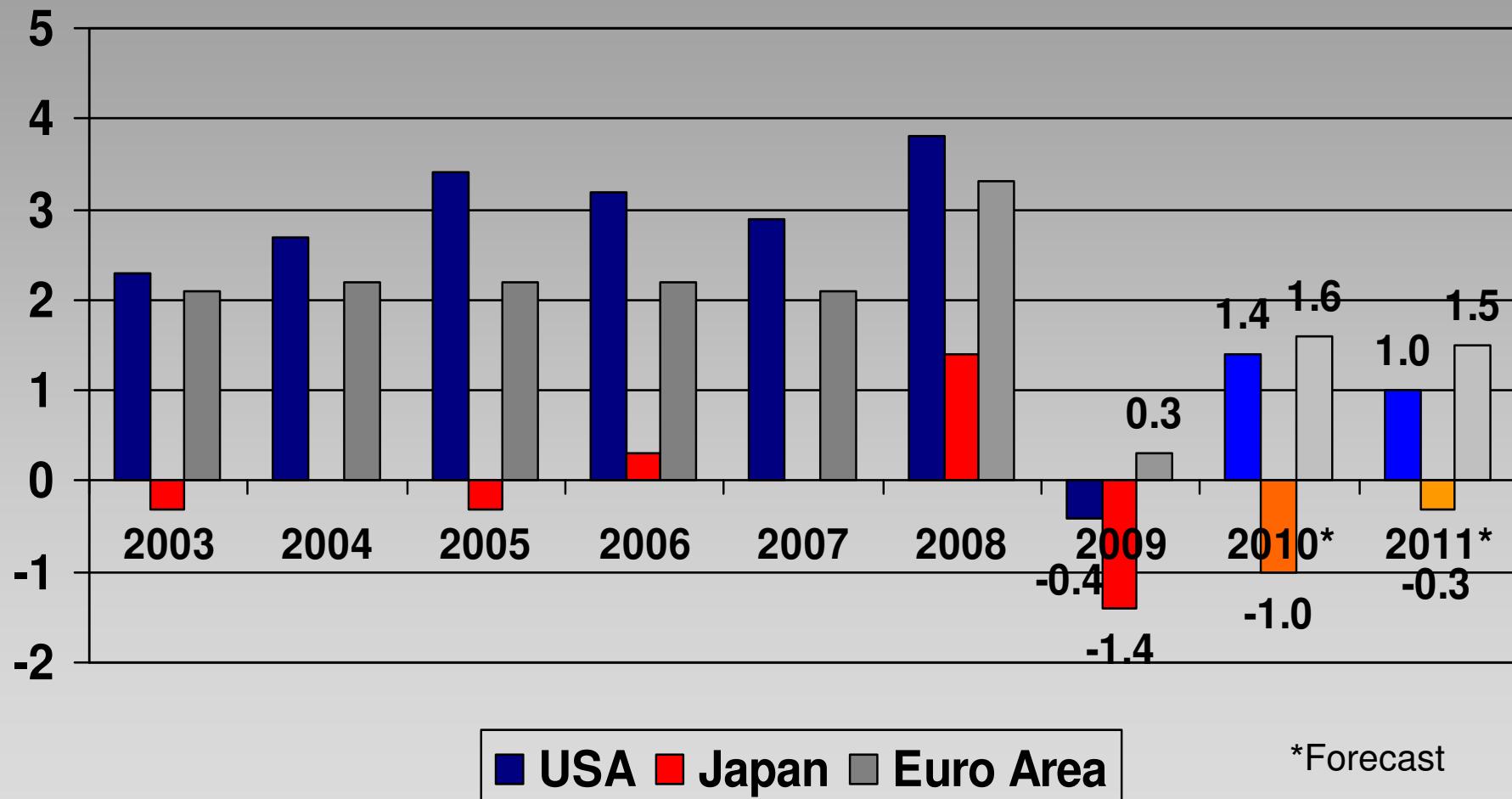
# Real GDP Growth 2003-2011

(Annual Percent Change, IMF WEO October 2010)



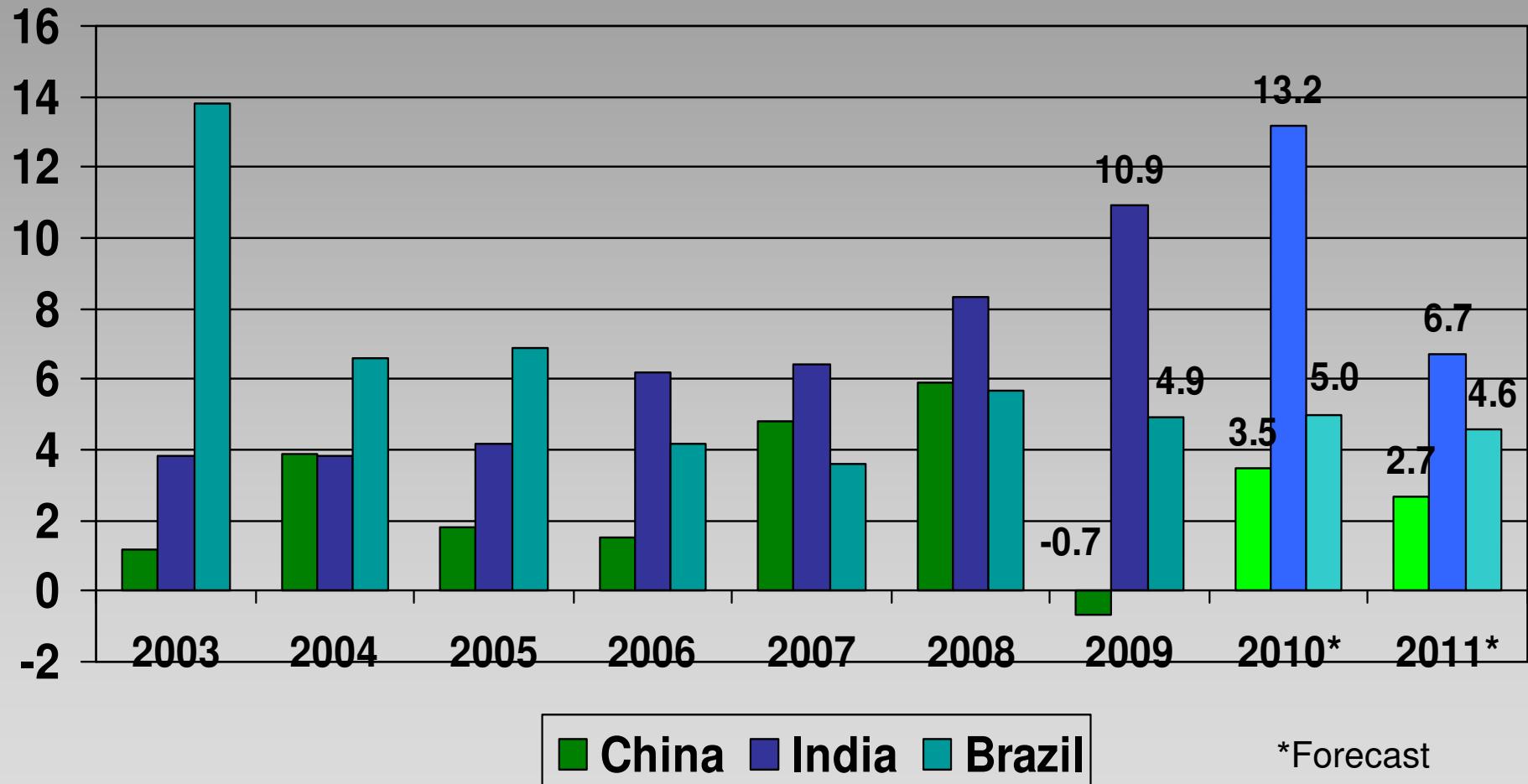
# Inflation 2003-2011

(CPI, Annual Percent Change, IMF WEO October 2010)



# Inflation 2003-2011

(CPI, Annual Percent Change, IMF WEO October 2010)



# 4

# Economic Policy

# Fiscal and Monetary

# Fiscal Policy 2009-2011

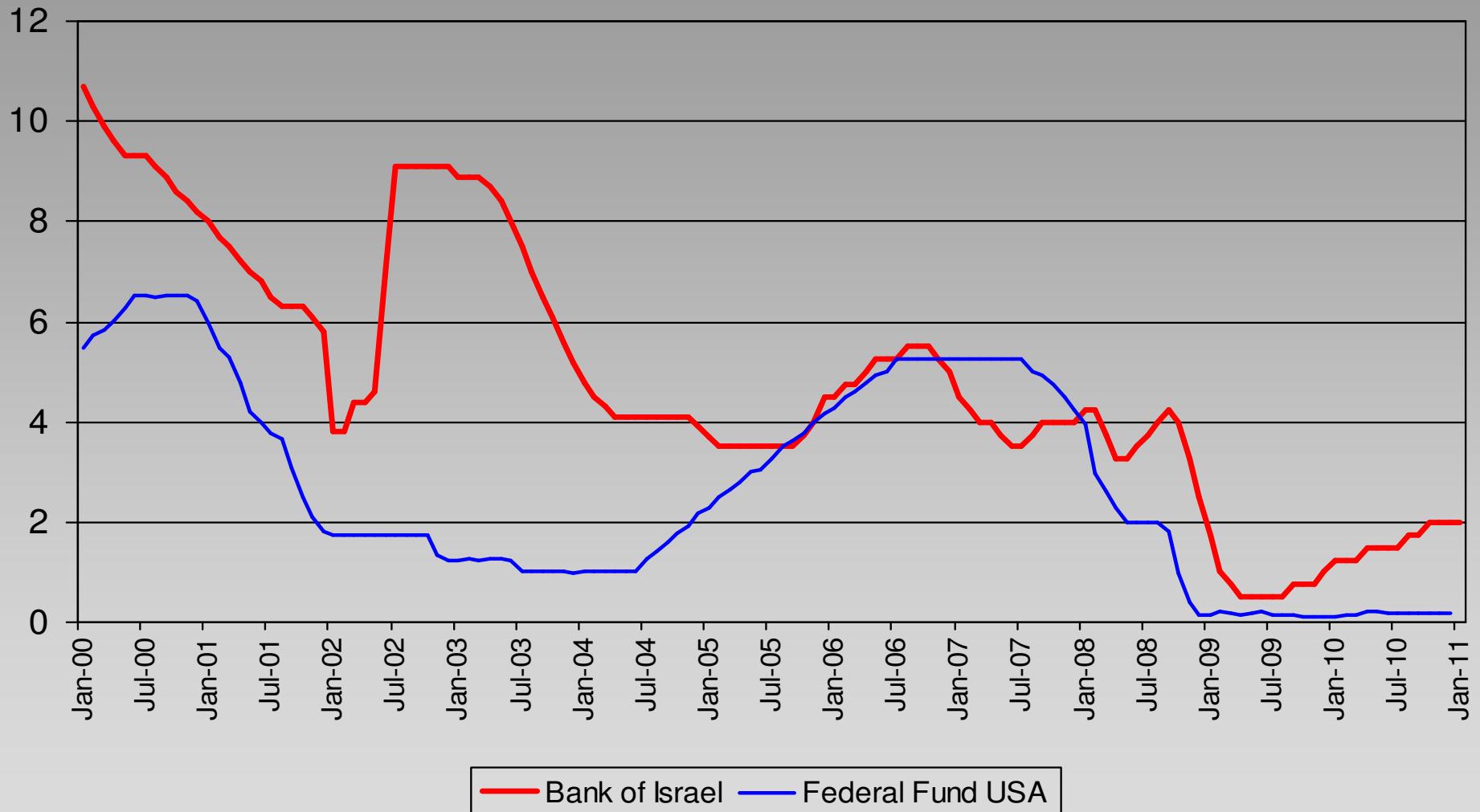
- ✓ The 2011-2012 budget was approved by the Knesset and it will not be changed
- ✓ The automatic stabilizers will continue to provide fiscal impulse and will lead to a balanced budget
- ✓ 3.5 percent expected government deficit in 2011 as percent of GDP due to improvement in tax collection

# Monetary Policy 2011

- ✓ Monetary policy will continue to be relatively expansionary but less than in 2010
- ✓ The Bank of Israel will continue raising the rate of interest paralleled with the real economic recovery
- ✓ The dilemma of a strong Sequel and the need to an upward adjustment of the rate of interest will continue to influence interest rate setting
- ✓ The Bank of Israel will continue to support the Shekel

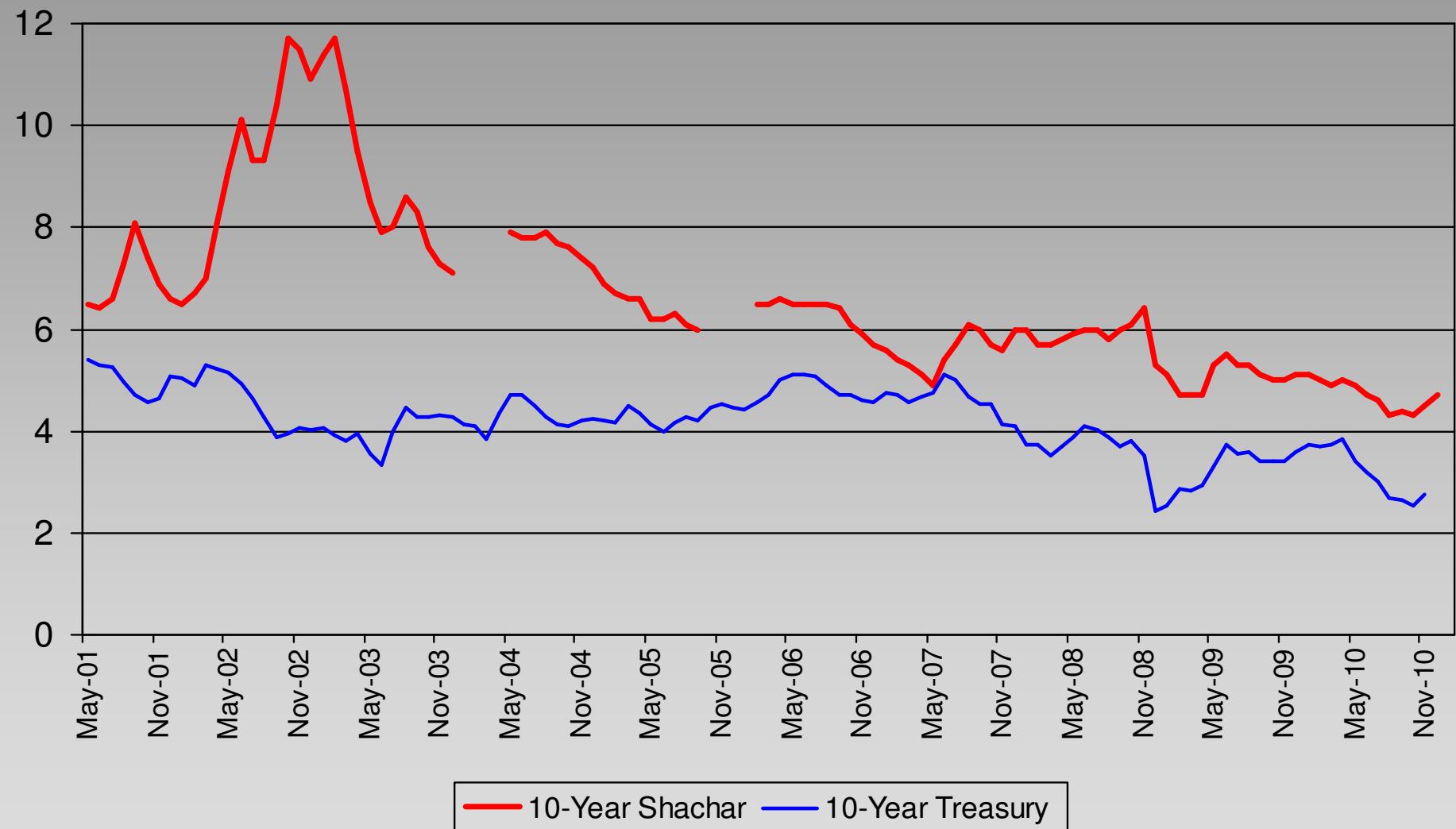
# Monetary Interest Rate 2000-2010

(Percent)



# 10-Year Bonds Yields Israel – US 2001-2010

(Percent)

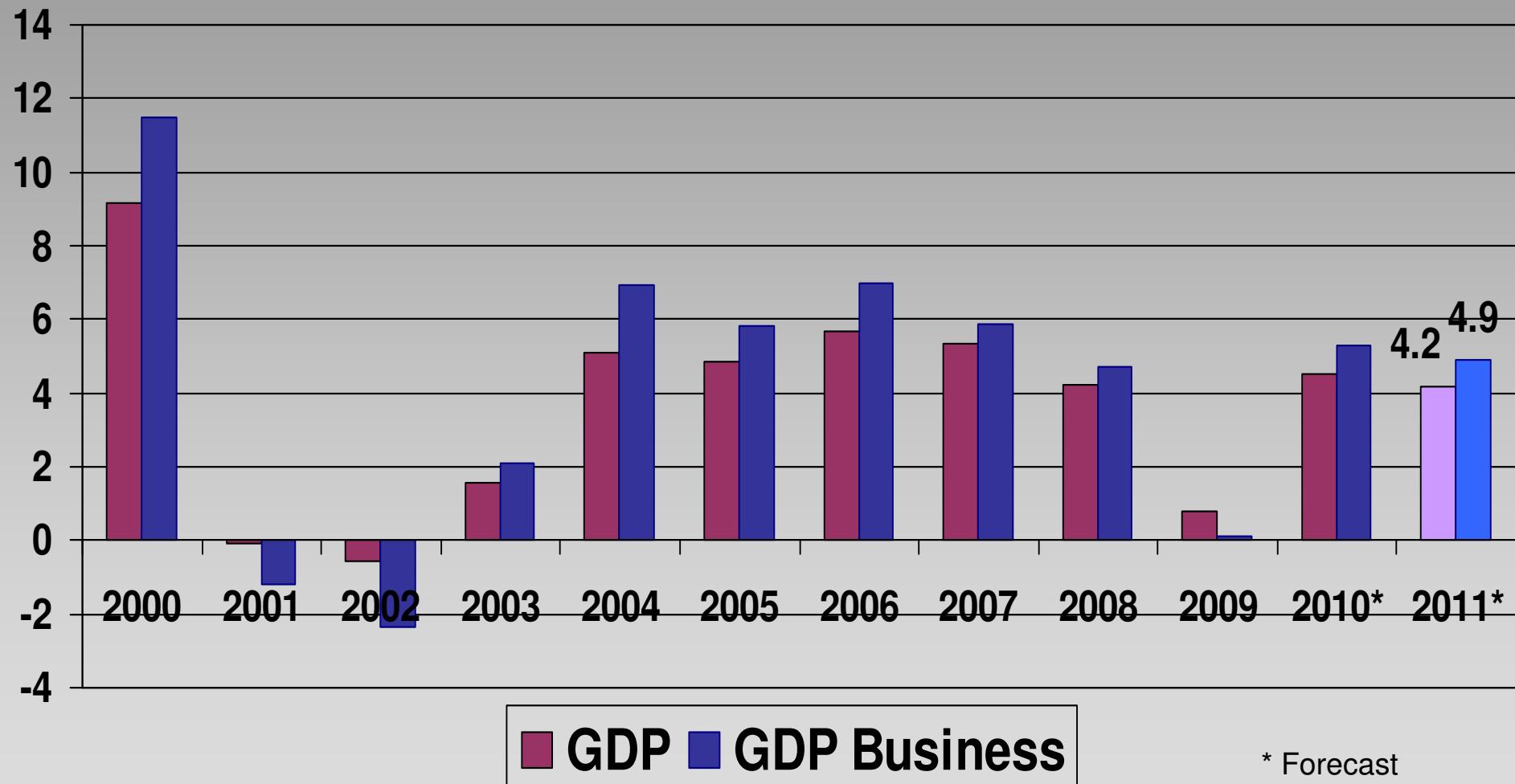


5

# Macroeconomic Forecast 2011

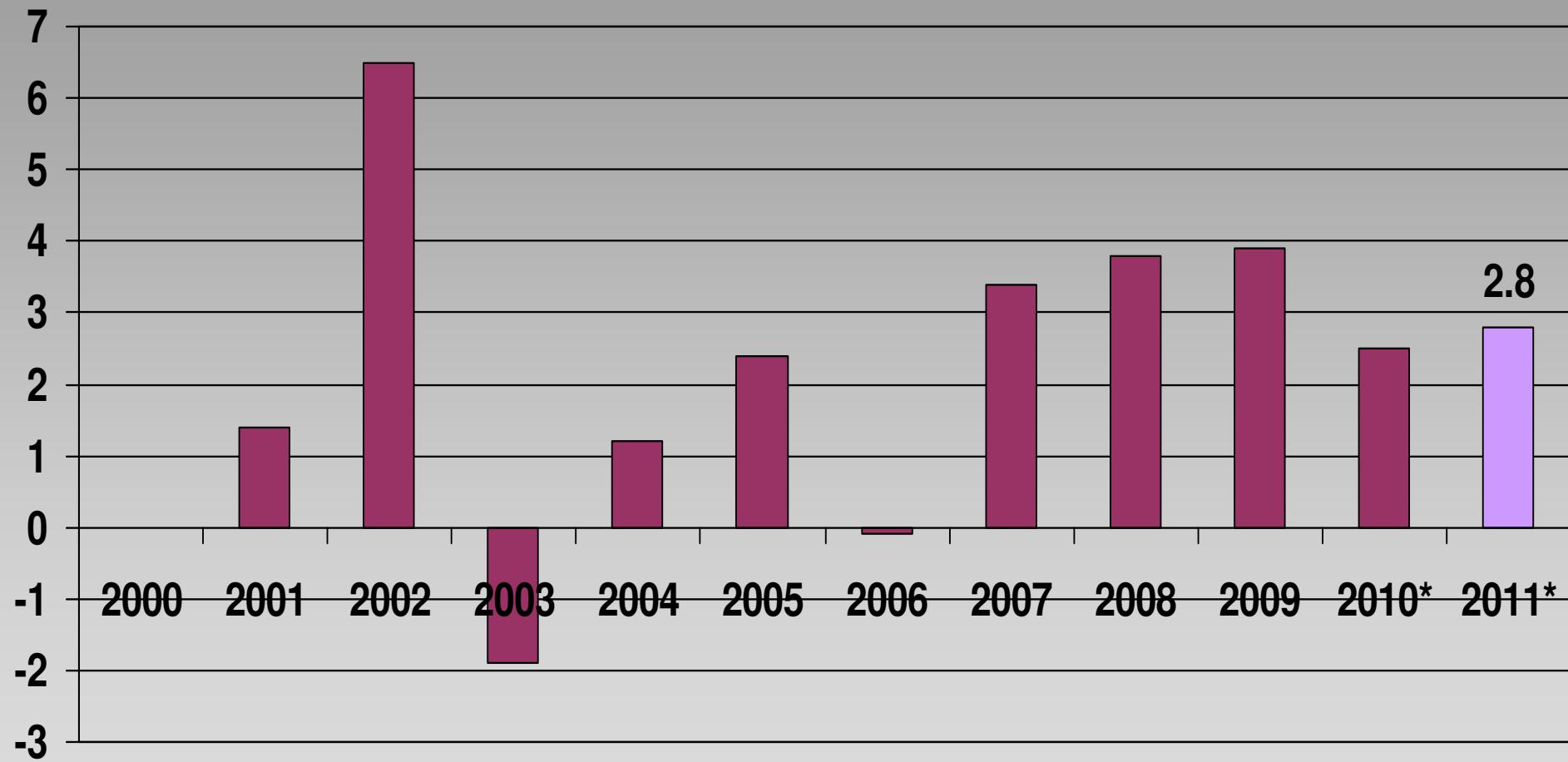
# GDP and GDPB Forecast 2011

(Rates of Growth, Percent)



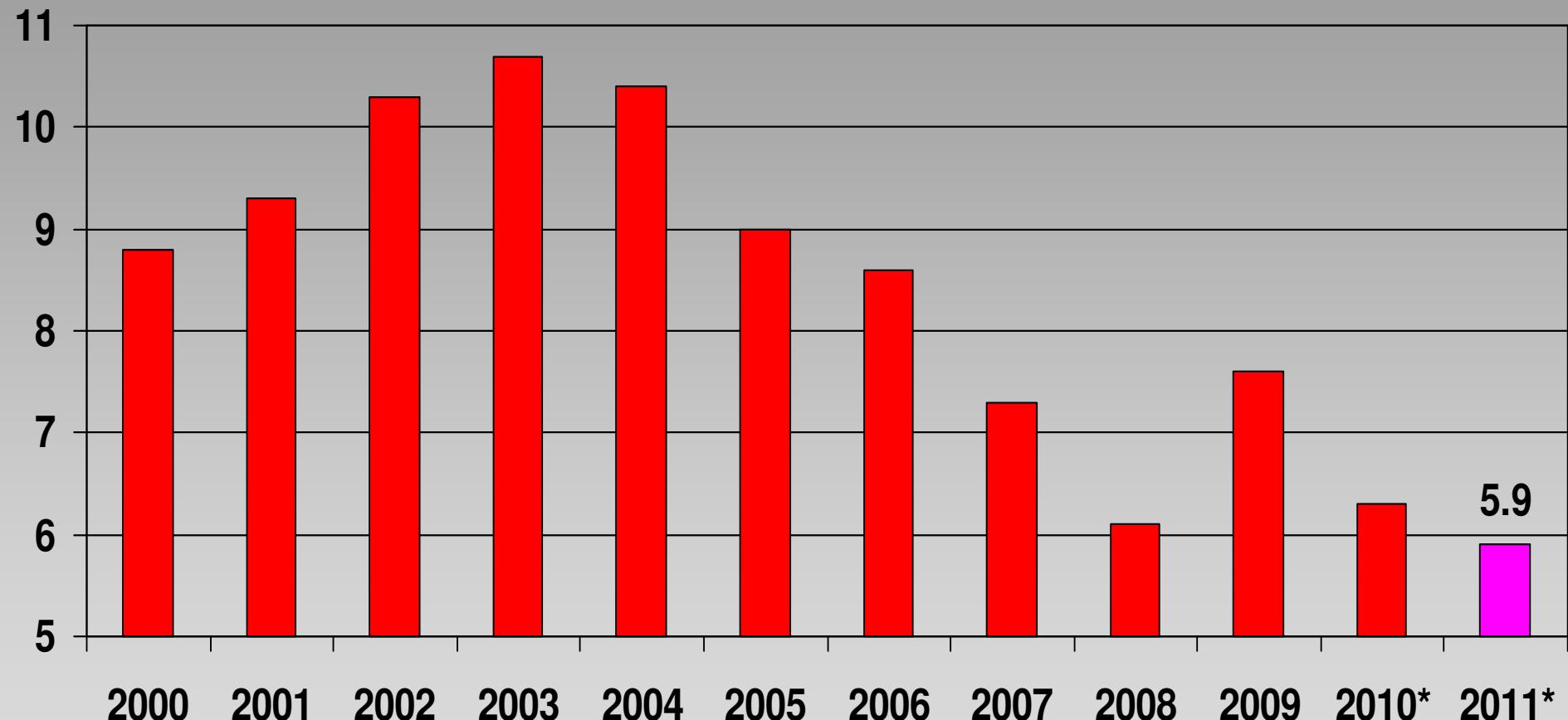
# Rate of Inflation Forecast 2011

(CPI, Percent)



# Unemployment Forecast 2011

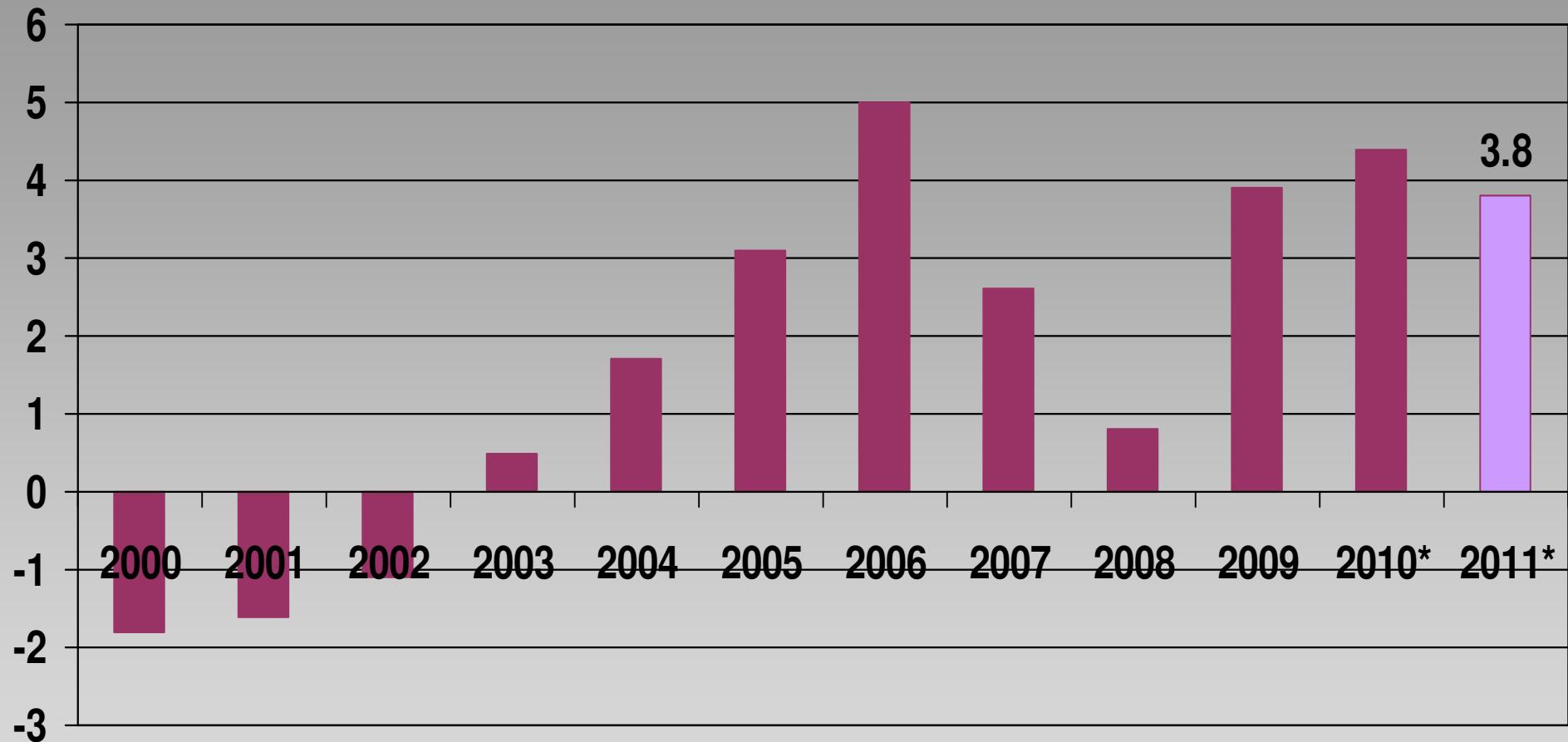
(Percent)



\* Forecast

# Current Account Forecast 2011

(Percent of GDP)



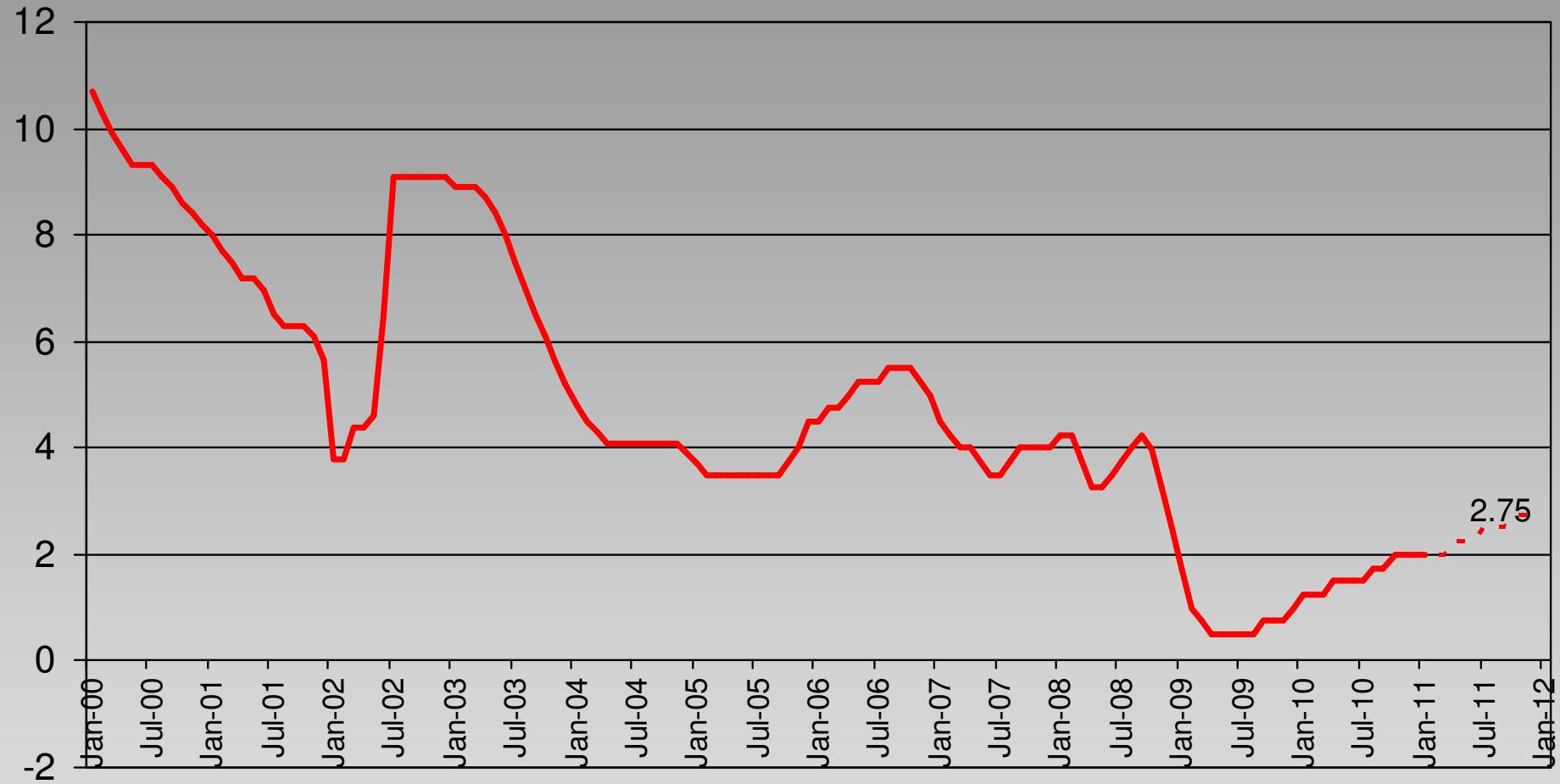
\* Forecast

# Uses and Resources Forecast 2011

(Rates of Growth, Percent)

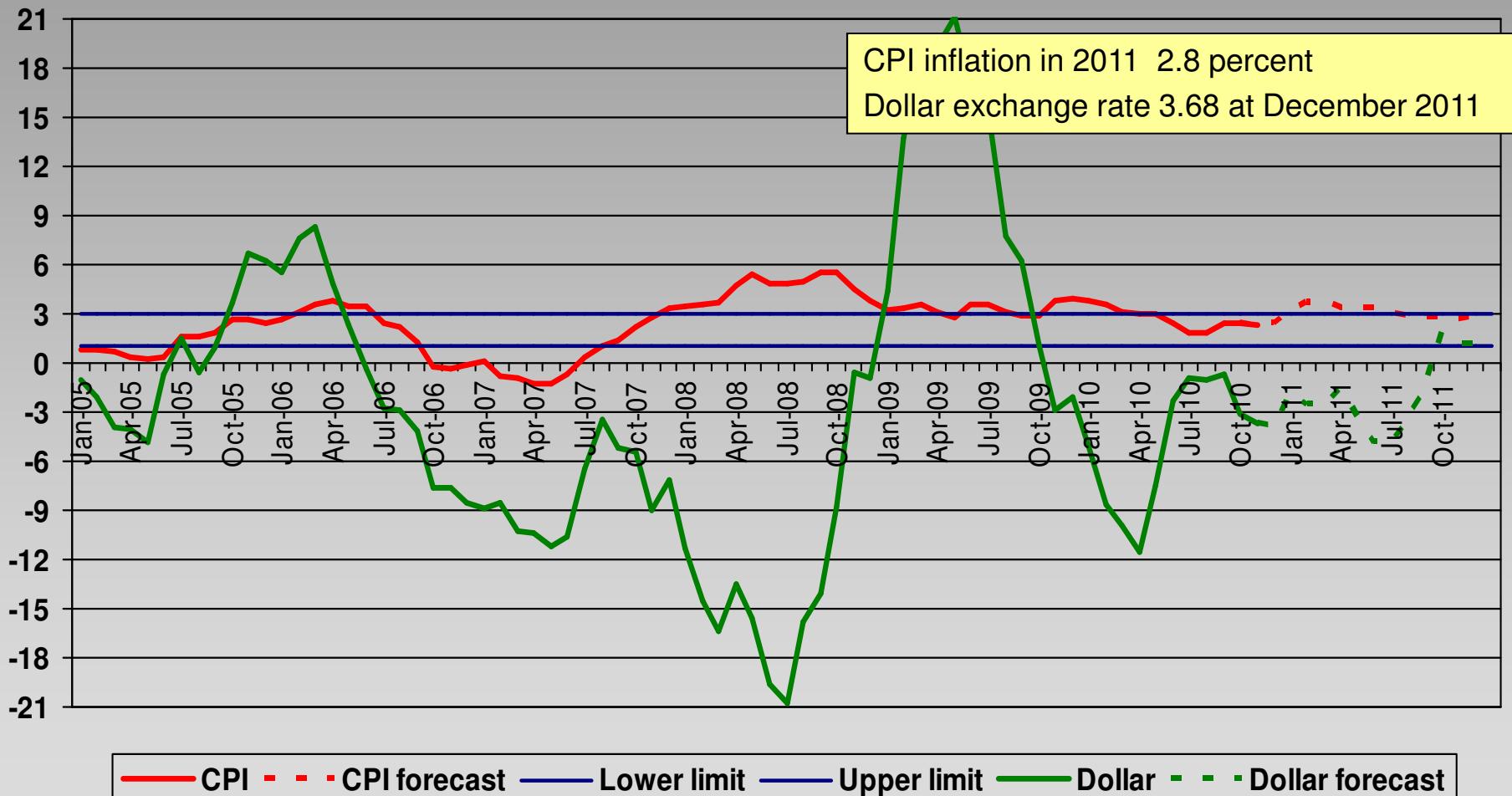
	C.B.S. 2010	OECD 2011	Treasury 2011	B.o.l. 2011	Melnick 2011
<b>Resources</b>					
GDP	<b>4.5</b>	4.0	3.8	3.8	<b>4.2</b>
Business GDP	<b>5.3</b>		4.5		<b>4.9</b>
Civilian Imports	<b>11.4</b>		4.0	9.1	<b>8.2</b>
<b>Uses of Resources</b>					
Private Consumption	<b>4.7</b>	3.9	3.0	3.6	<b>4.9</b>
Government Consumption	<b>3.7</b>		1.7	1.0	<b>2.7</b>
Fixed Capital Formation	<b>9.9</b>	6.2	4.6	5.7	<b>7.0</b>
Exports	<b>10.2</b>		6.1	5.8	<b>6.9</b>

# Bank of Israel Interest Rate Forecast 2011

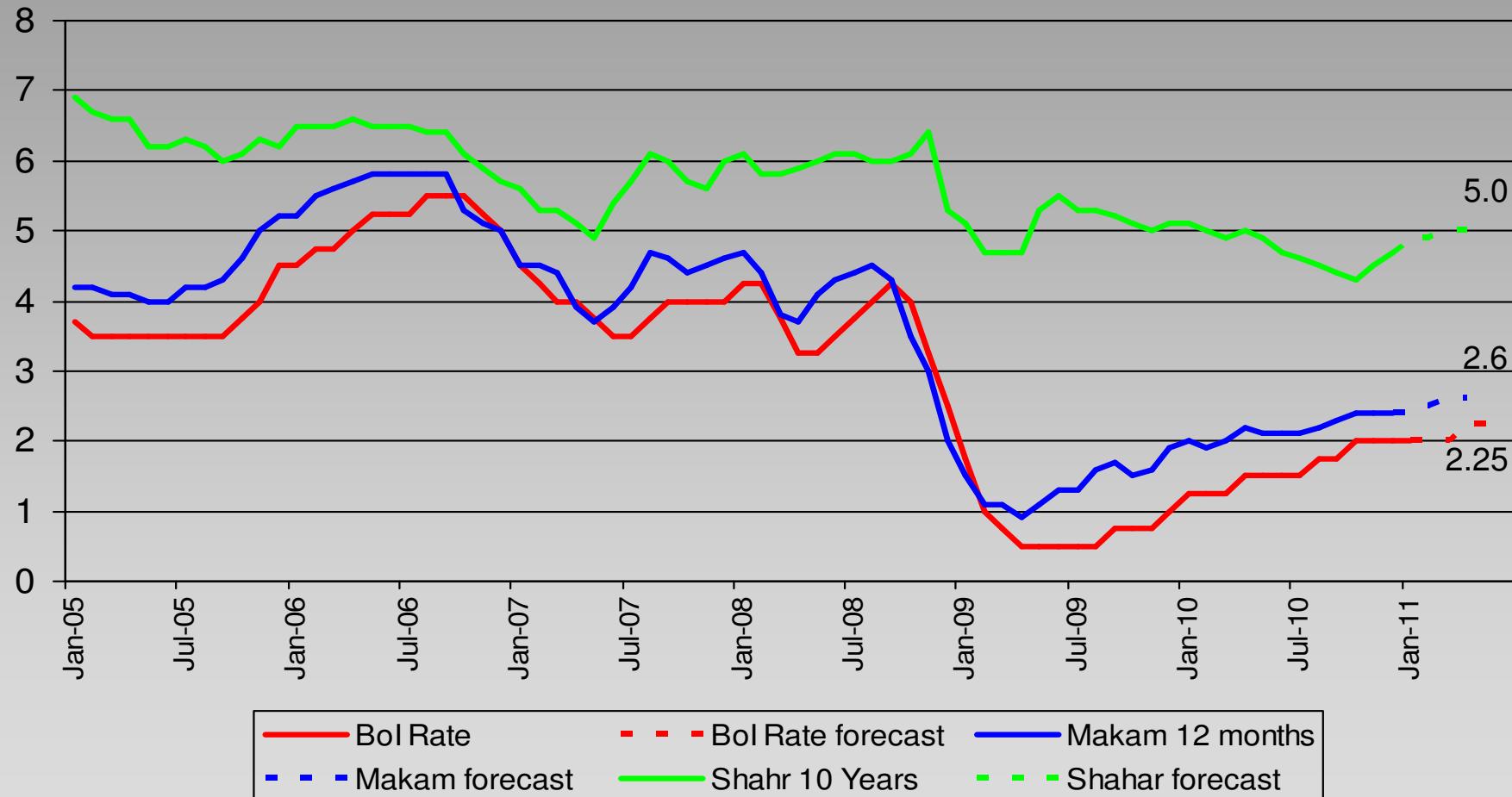


# Inflation and Dollar Rate Forecast 2011

(Percent change in previous 12 months)

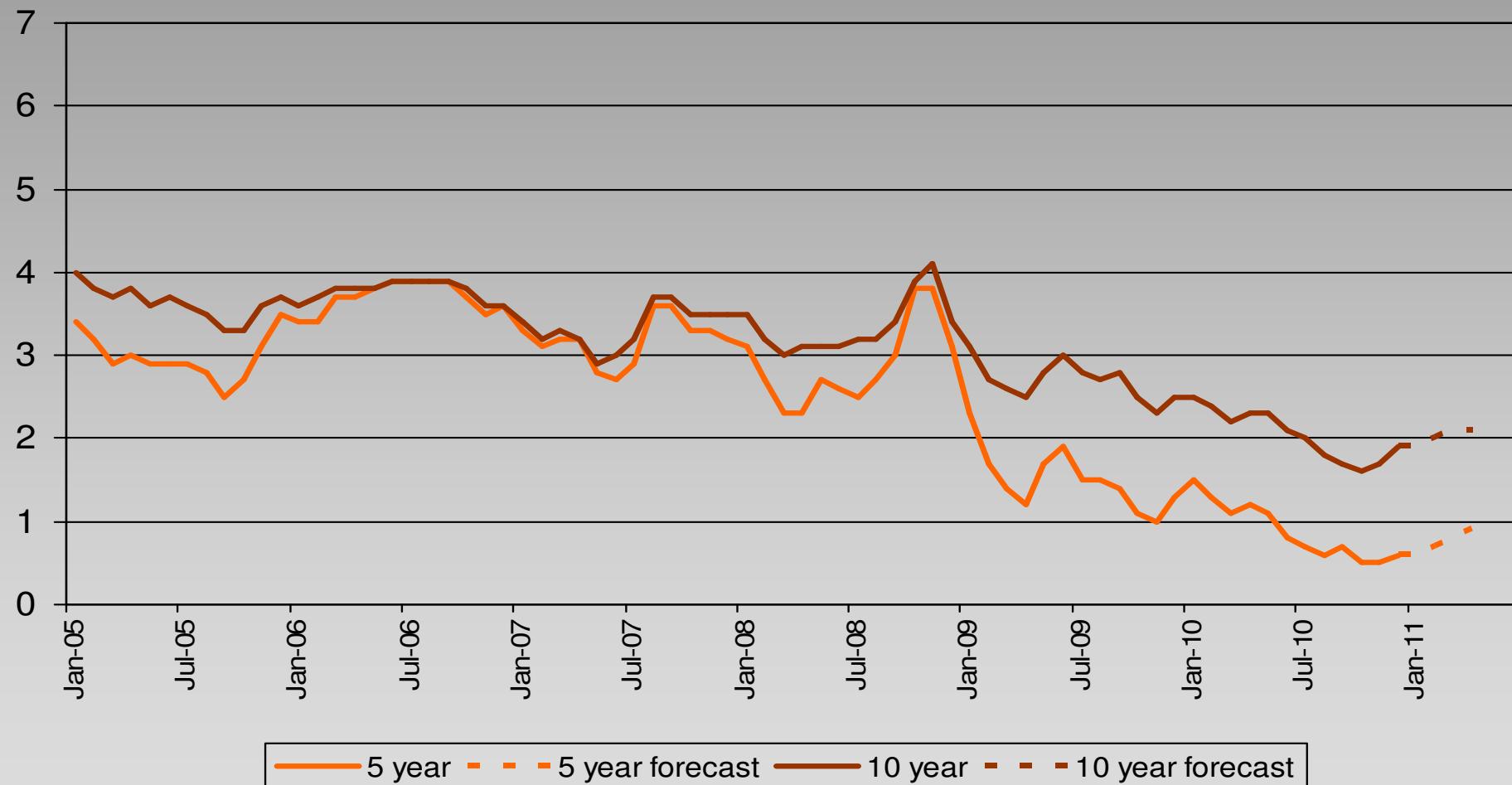


# B.o.I Rate and Yields to Makam and Shahar Forecast 2011



# Real Yield on Indexed Government Bonds

## Forecast 2011 (5 and 10 years maturity, percent)



# Stock Market as Leading Indicator '97 - '10

