

# **The Israeli Economy 2009**

## **The Caesarea Center Conference**

### **December 2008**

**Prof. Rafi Melnick**  
**Provost, Interdisciplinary Center (IDC)**  
**Herzliya**

# The Big Issues

- The broken crystal ball
- A crisis that happens once in 100 years
- From a country oriented economy to a world global economy
- A need for a new architectural structure of the financial markets and Institutions

# **Identifying Business Cycles Turning Points in the Israeli Economy**

## **The Present Cyclical Position**

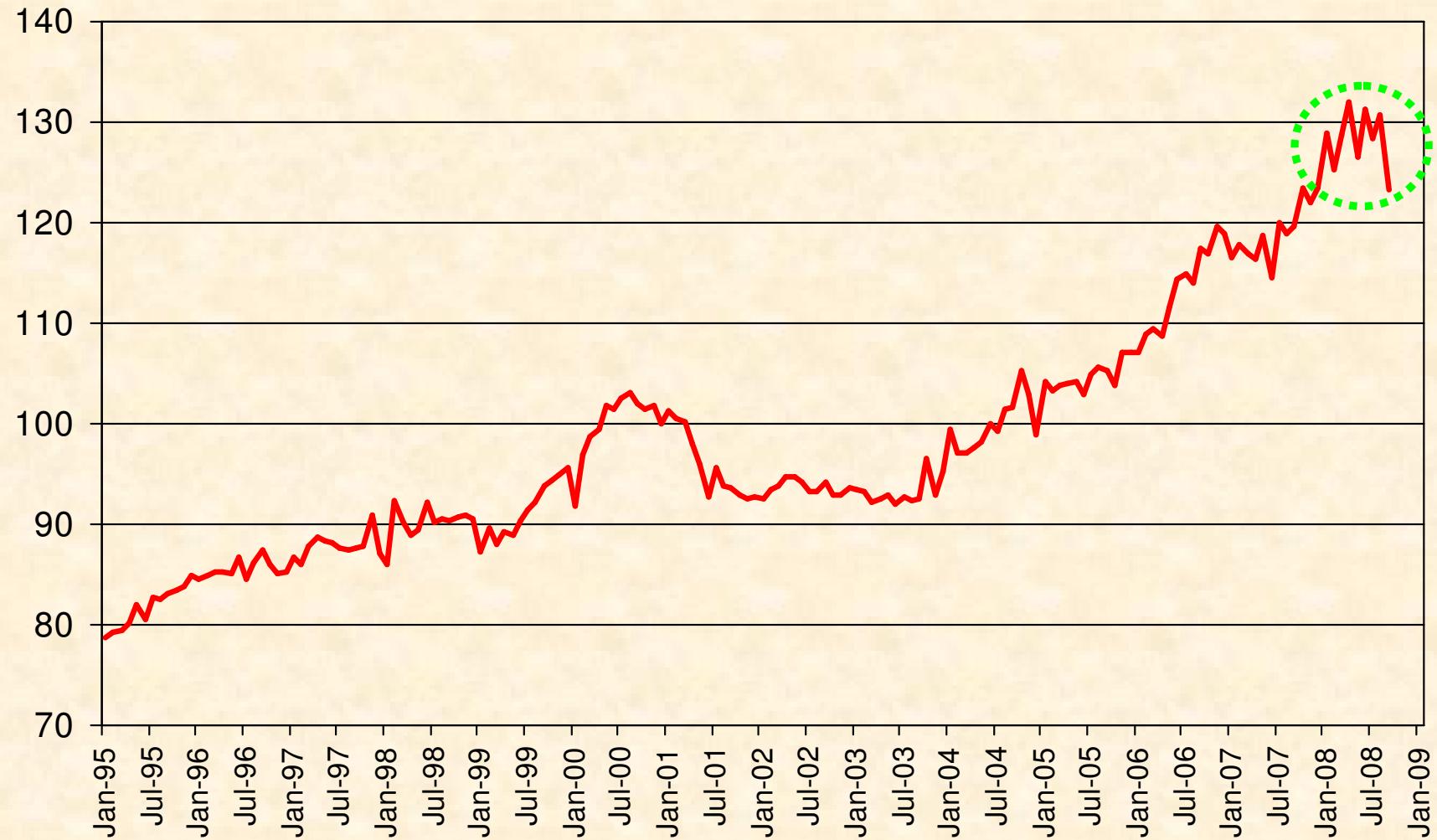
# The Melnick State of the Economy Index

## Main Indicators

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

# Industrial Production 1995-2008

(2004 = 100)

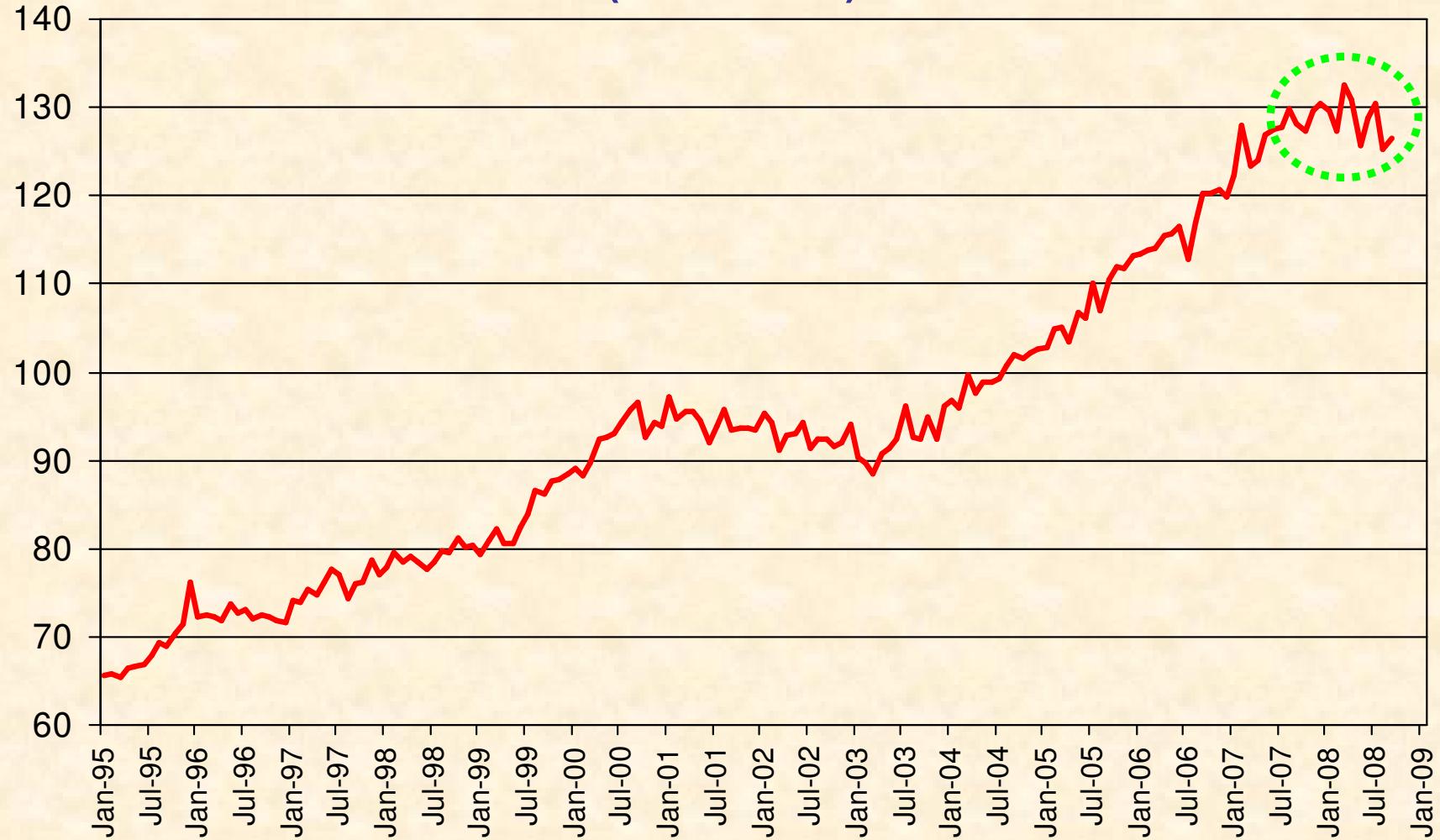


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# Revenue in Commerce and Services 1995-2008

(2004 = 100)

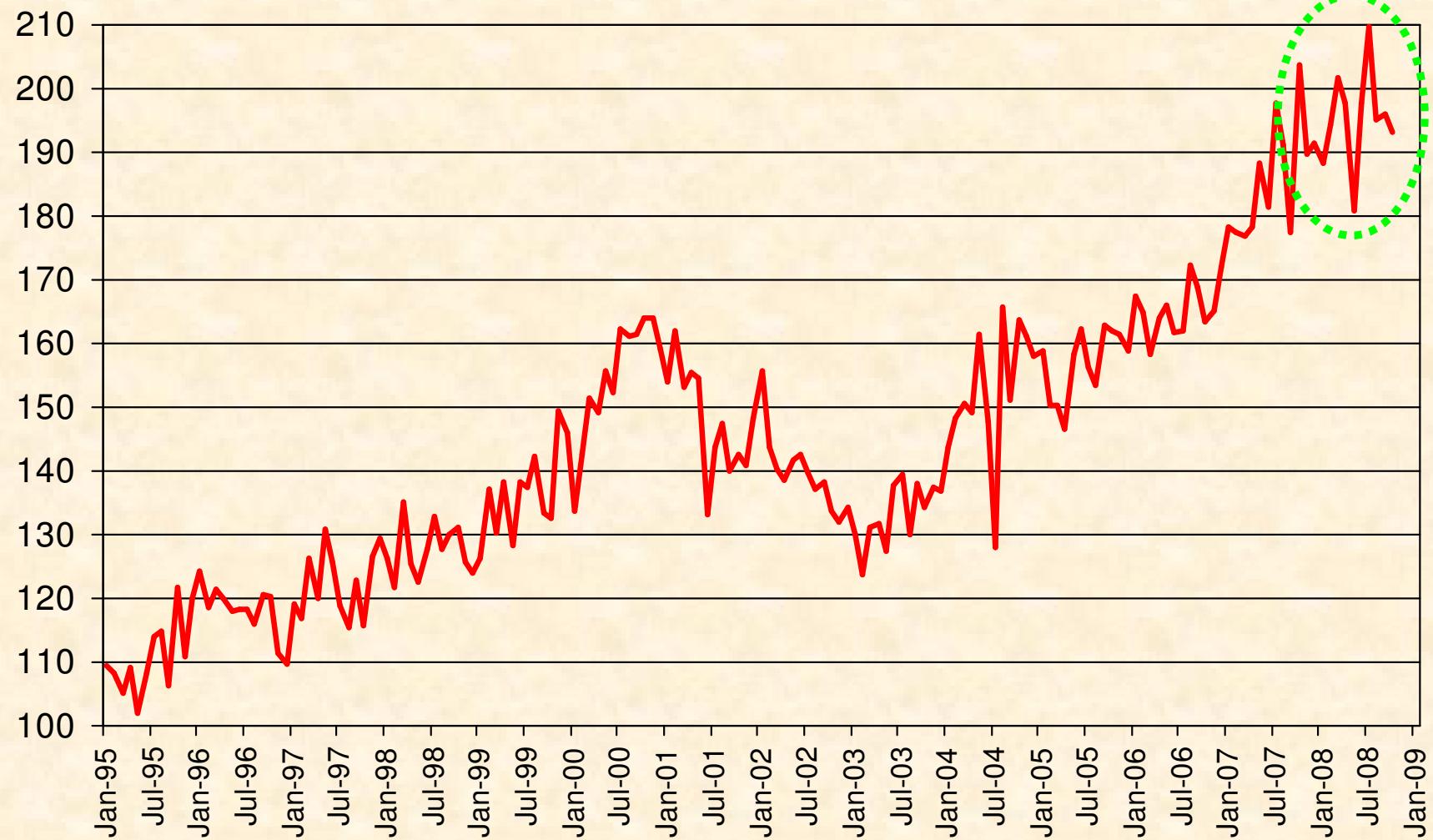


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# Import Index 1995-2008

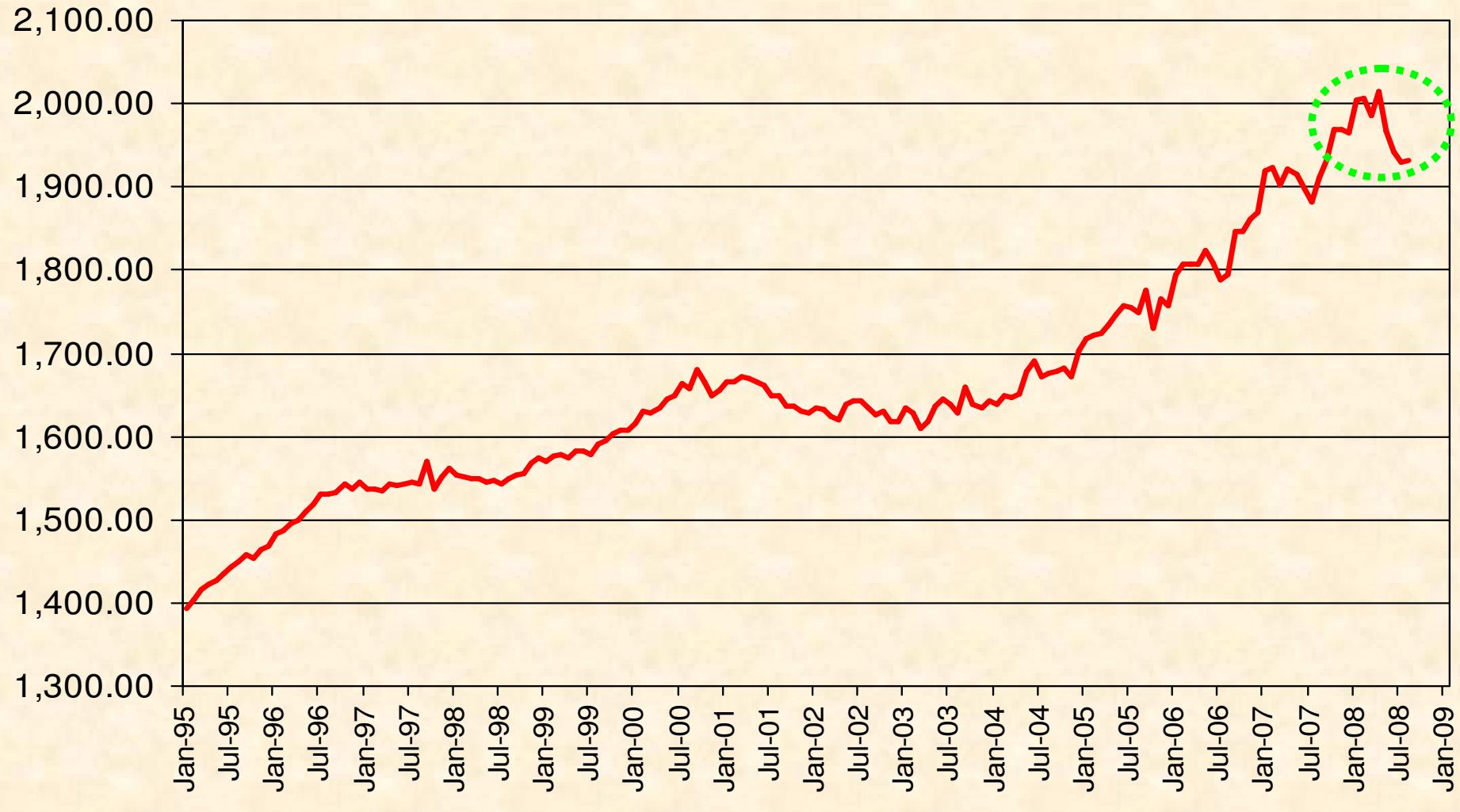
(1994 = 100)



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# Employee Posts in the Business Sector 1995-2008

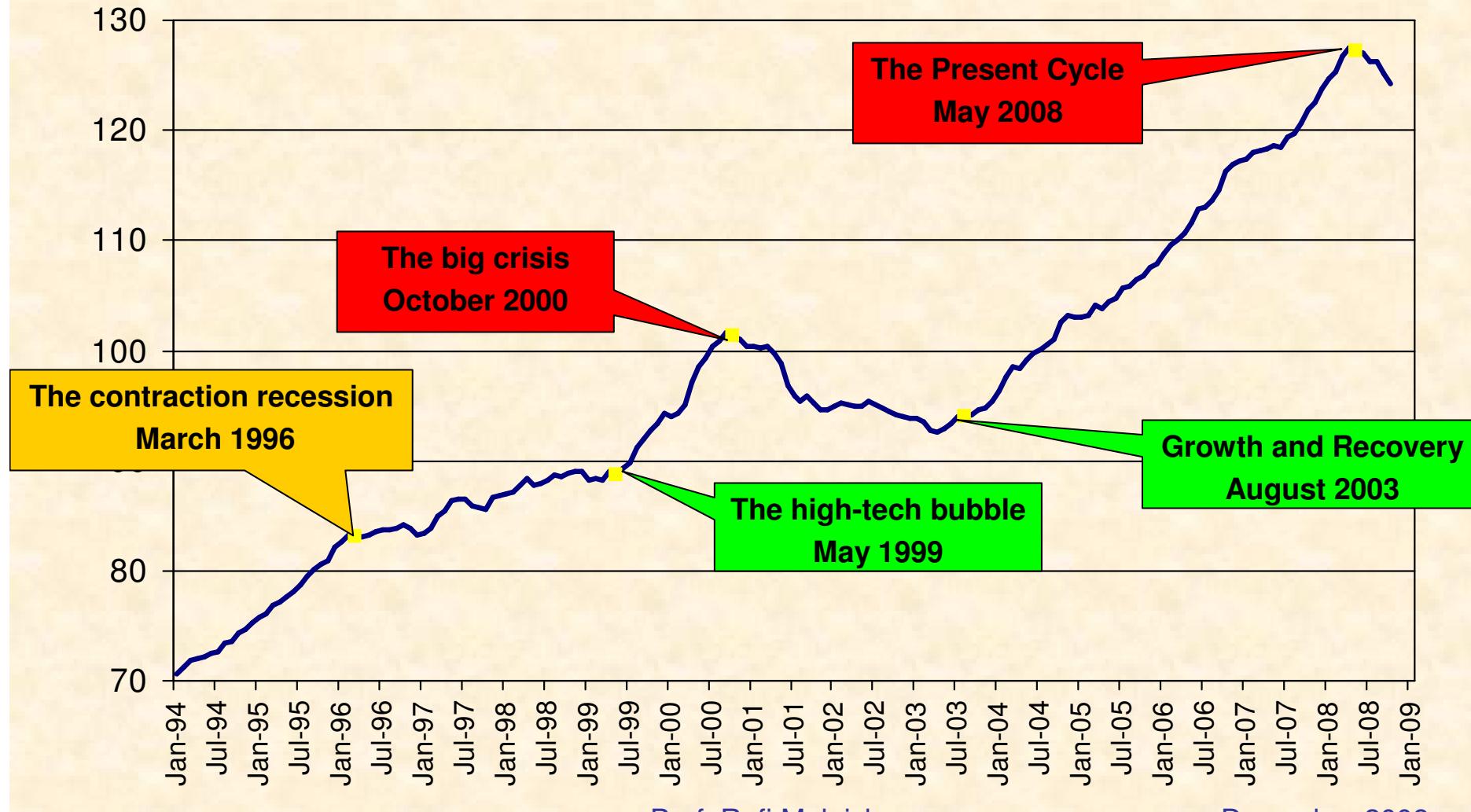


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# The Melnick Index 1994-2008

(2004 = 100)



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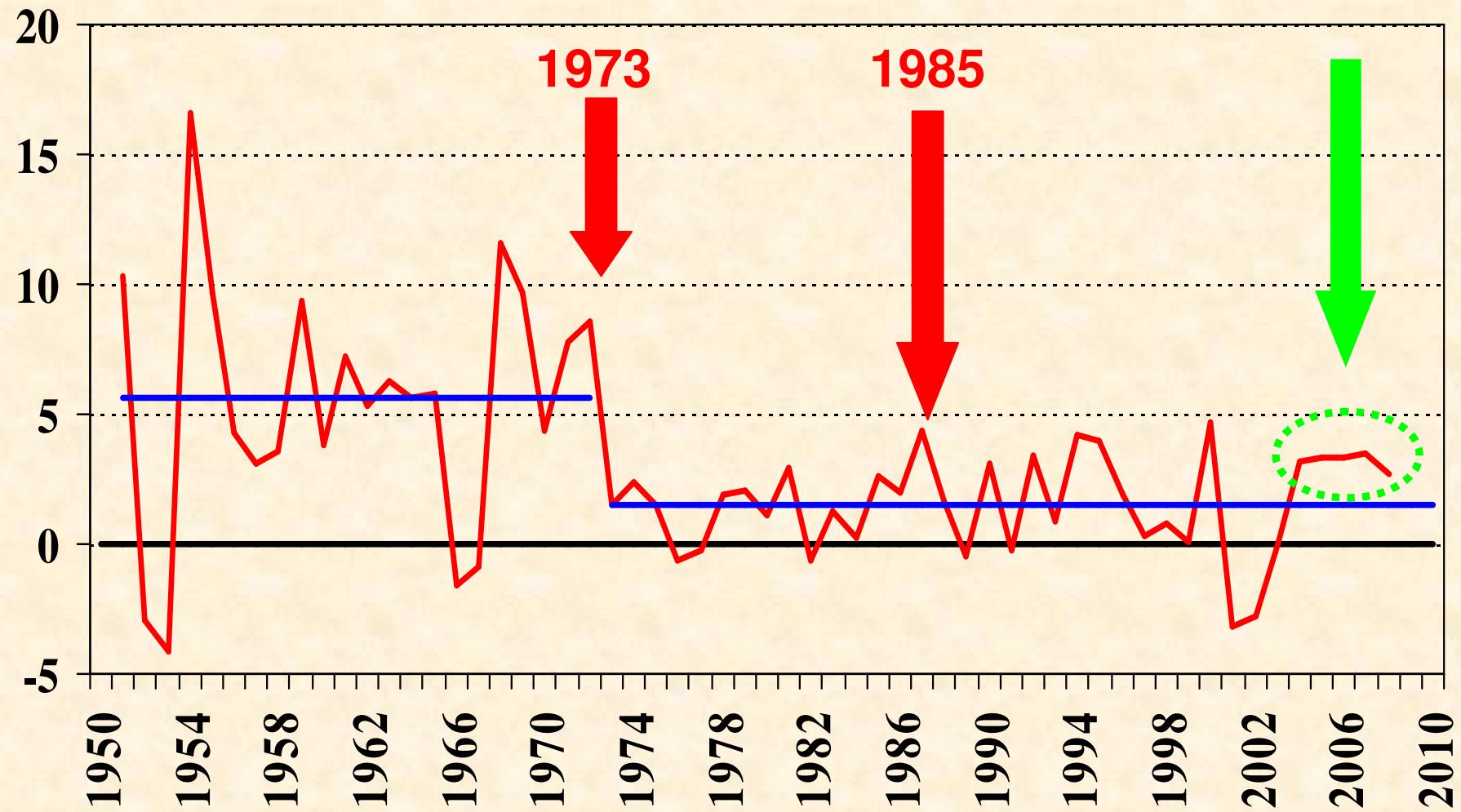
# Long Term Fundamentals

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# GDP per Capita in Israel

(Rates of Growth, Percent)



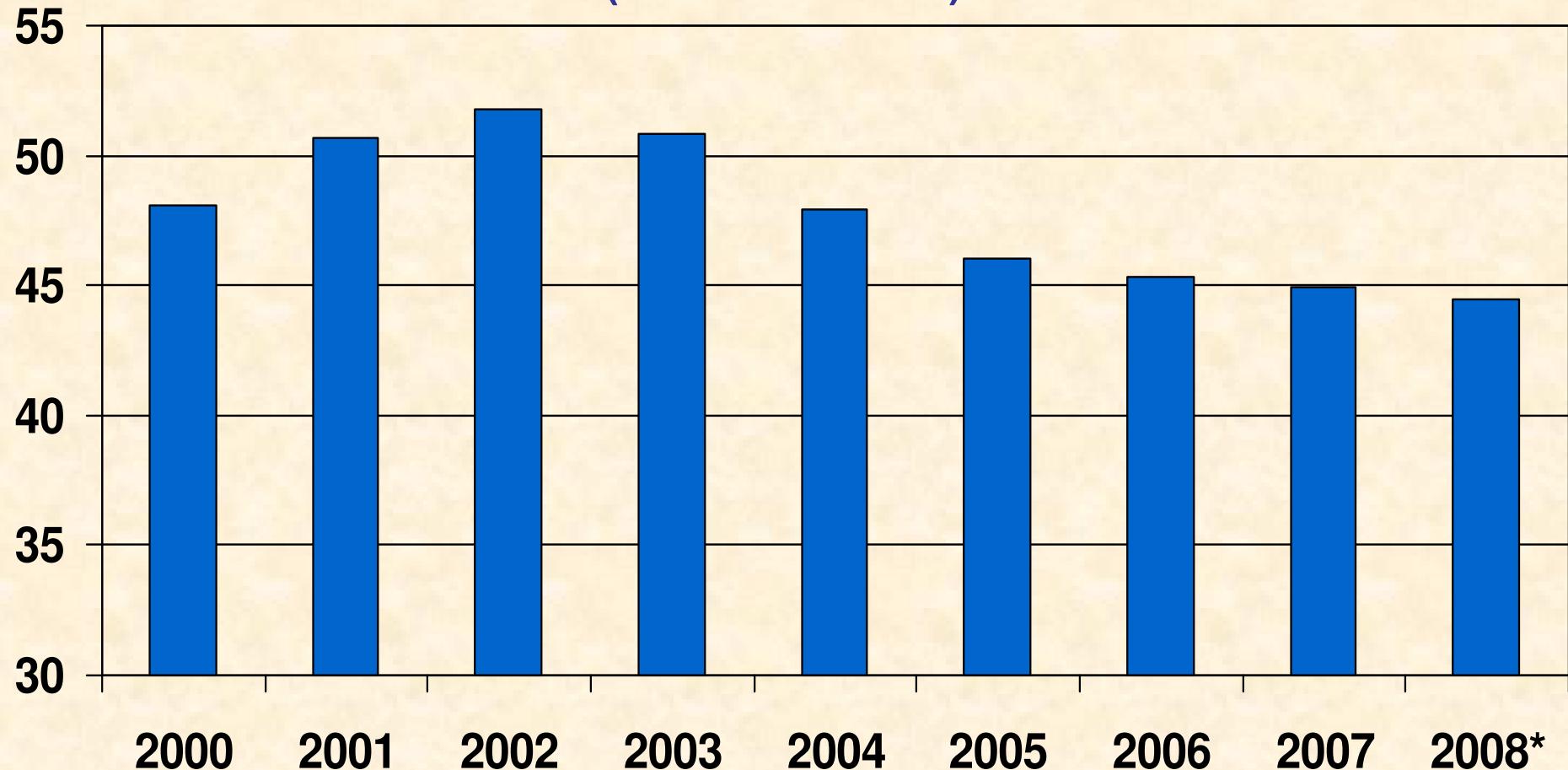
# Recent Economic Policy

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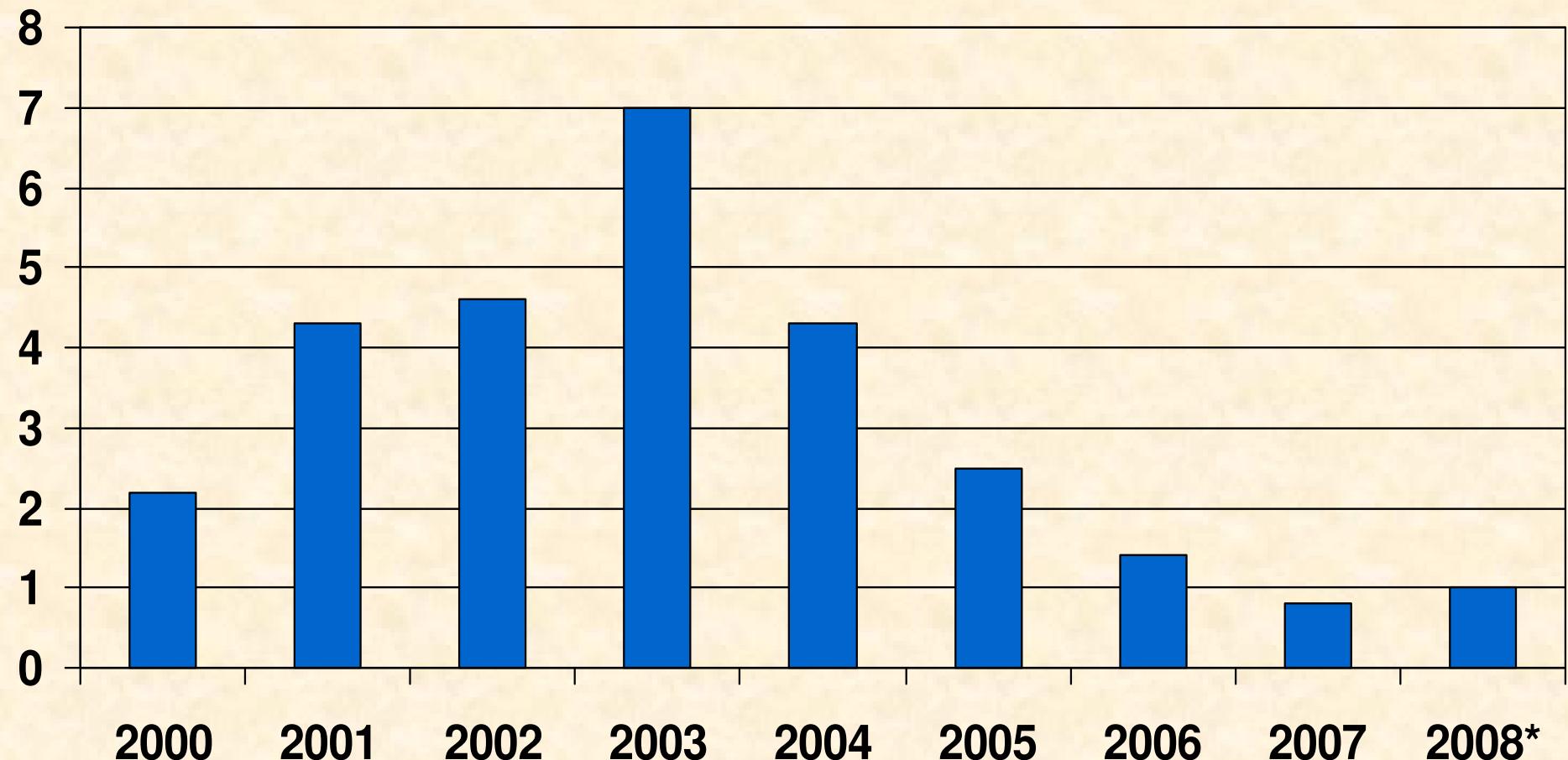
# General Government Expenditure 2000-2008

(Percent of GDP)



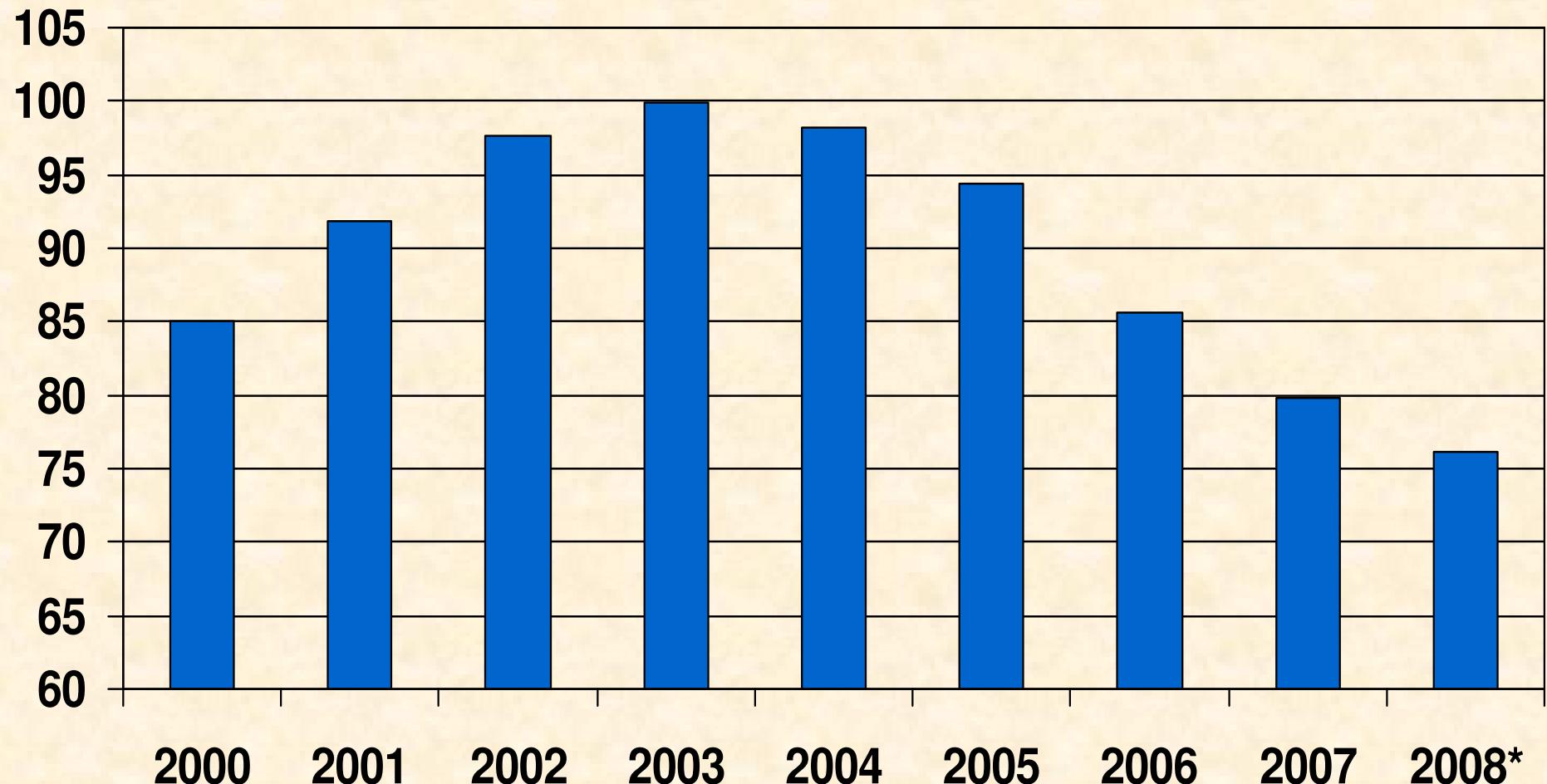
# General Government Deficit 2000-2008

(Percent of GDP)



# Public Debt 2000-2008

(Percent of GDP, Gross Debt)

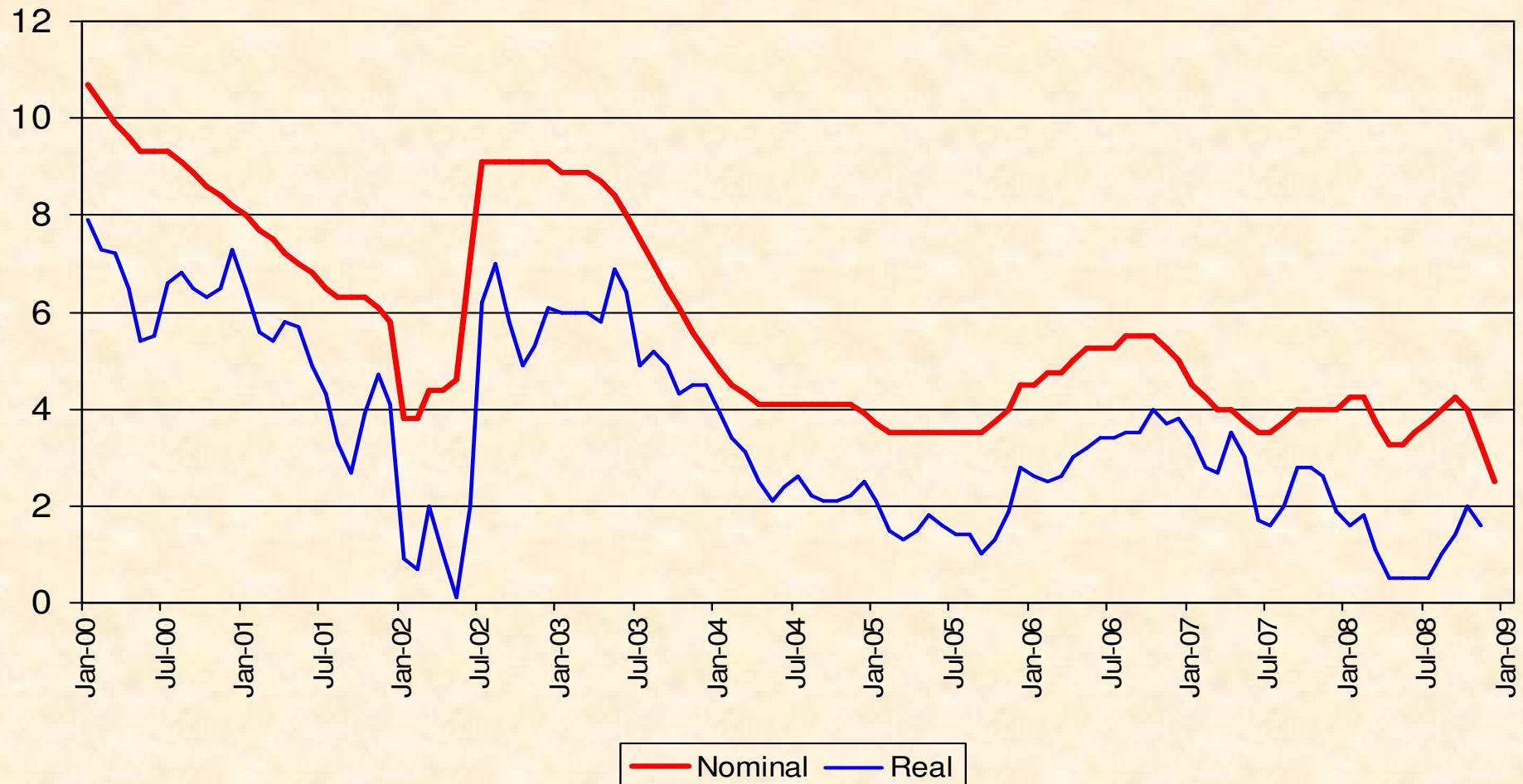


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# Bank of Israel Interest Rate 2000-2008

(Nominal and Real - Percent)

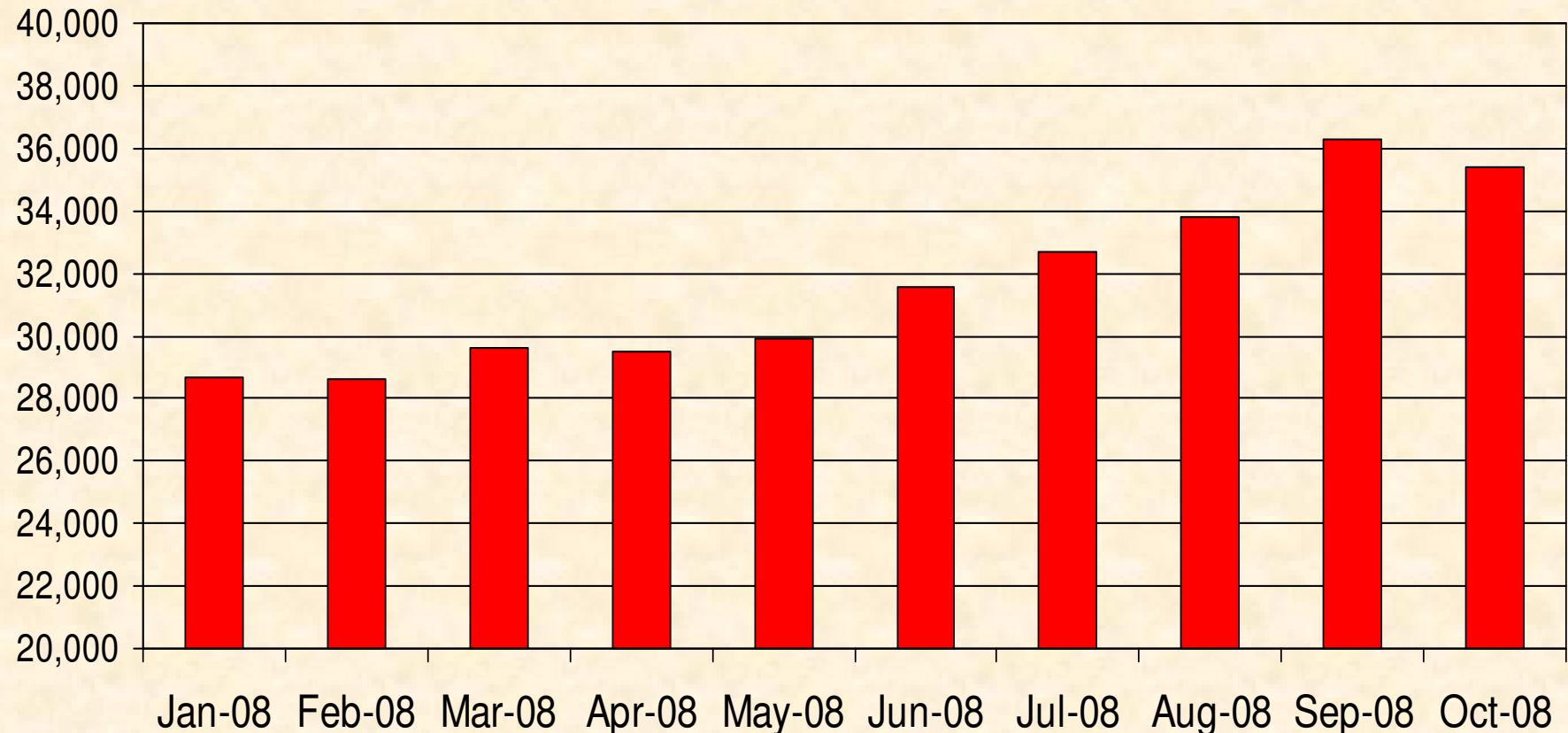


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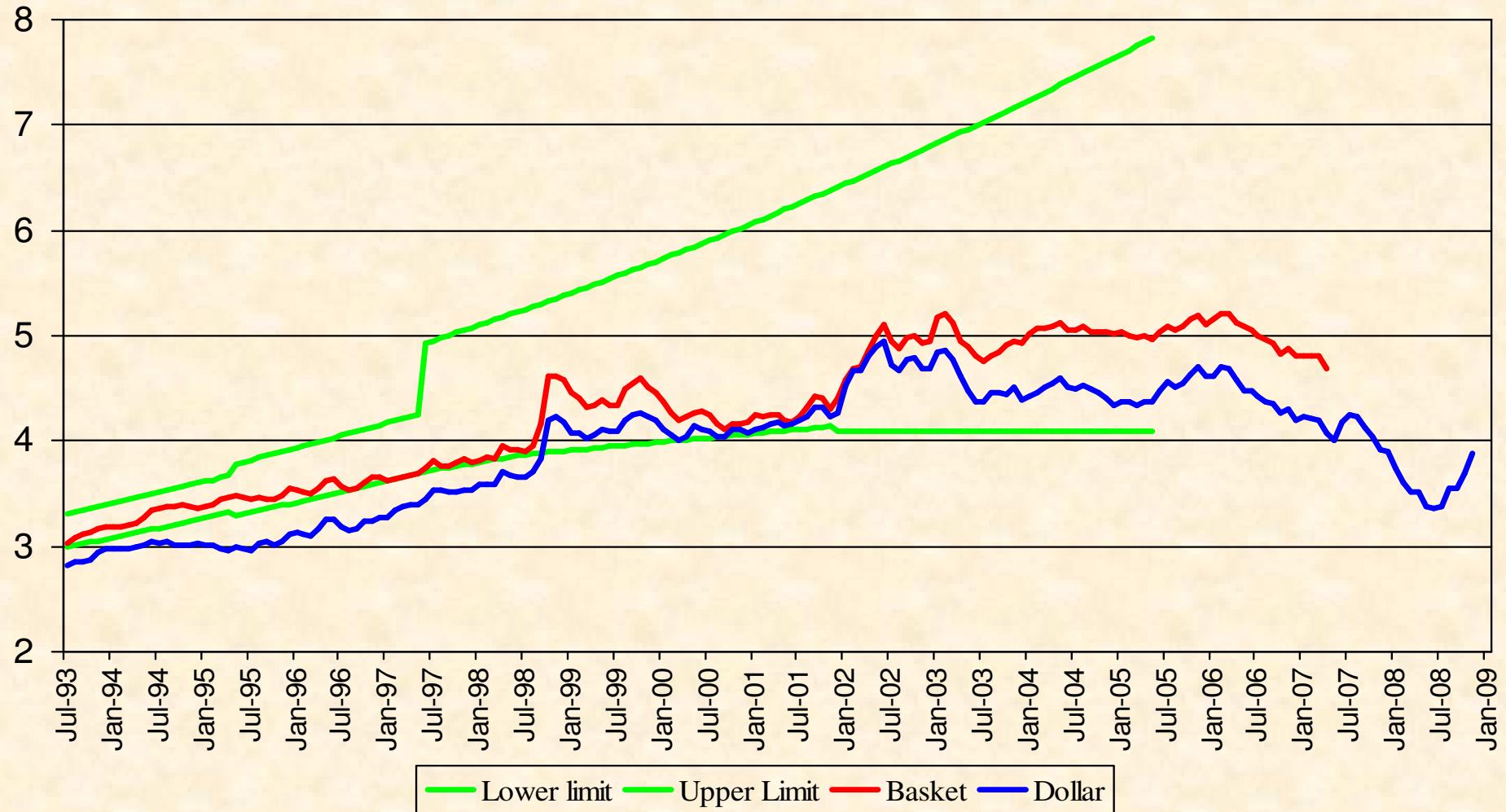
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# International Reserves 2008

(In US dollars, millions end of the period)



# The Dollar and Basket Exchange Rate 1993-2008



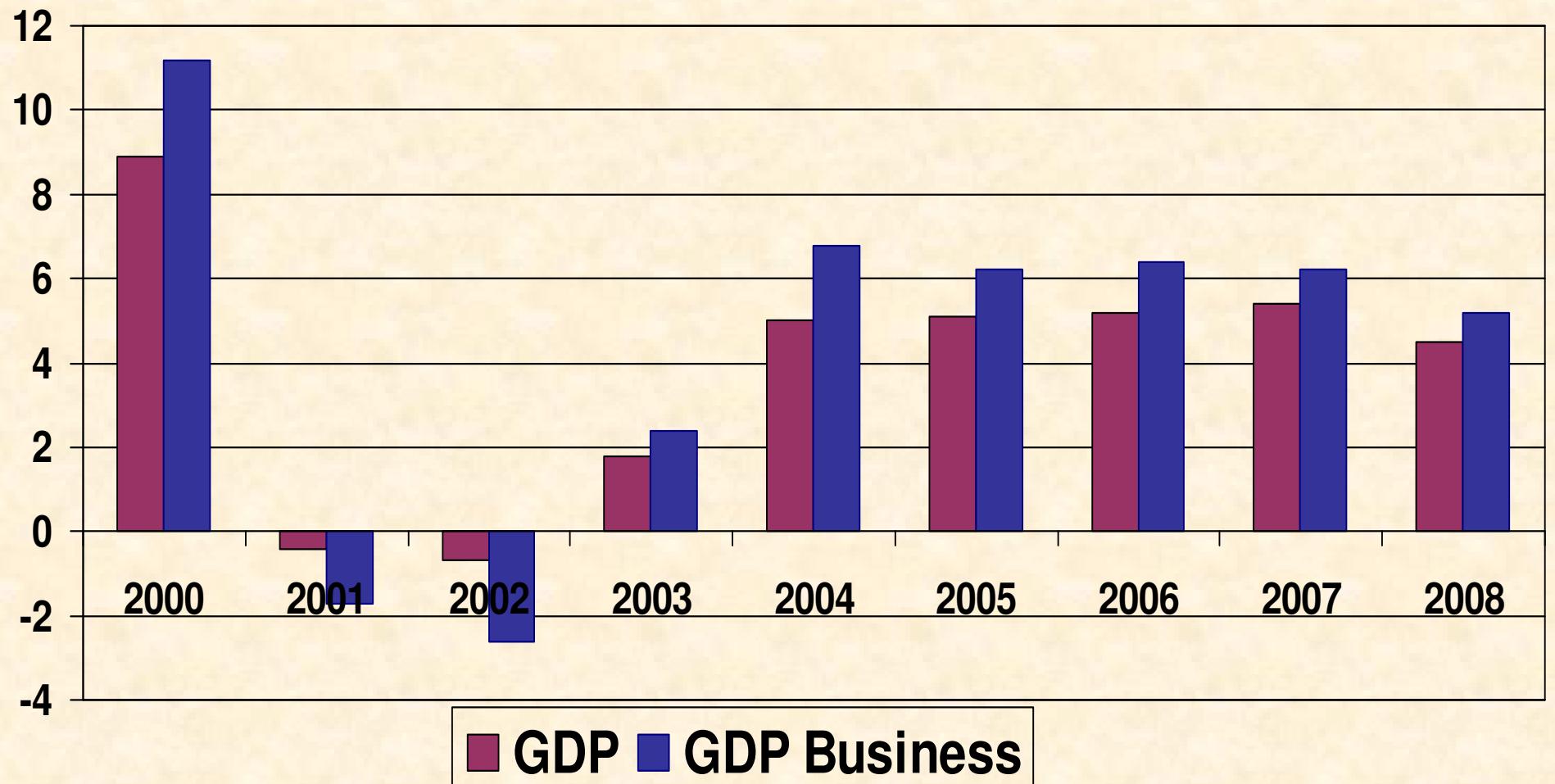
# Latest Economic Developments

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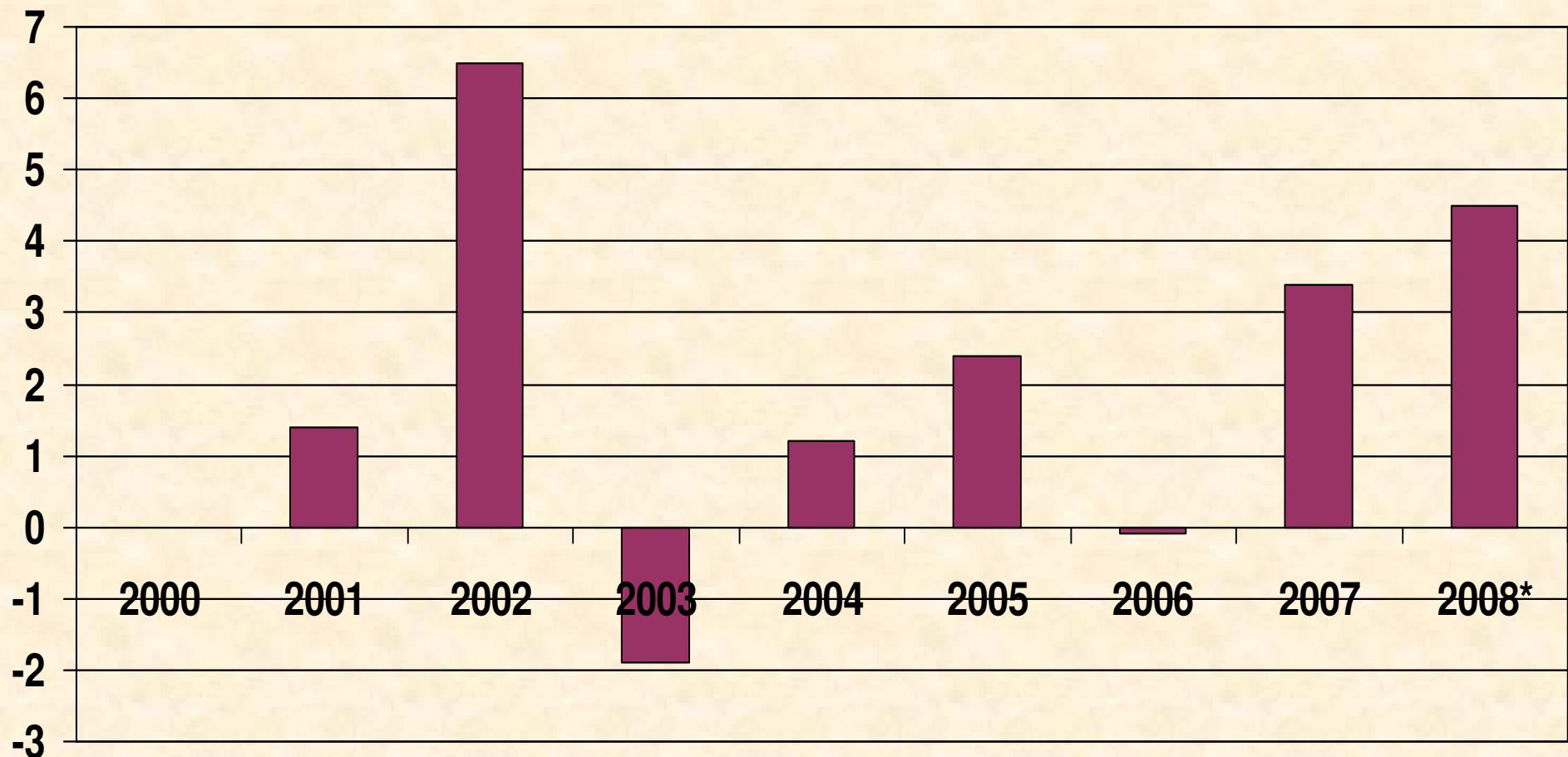
# GDP and Business GDP 2000-2008

(Rates of Growth, Percent)



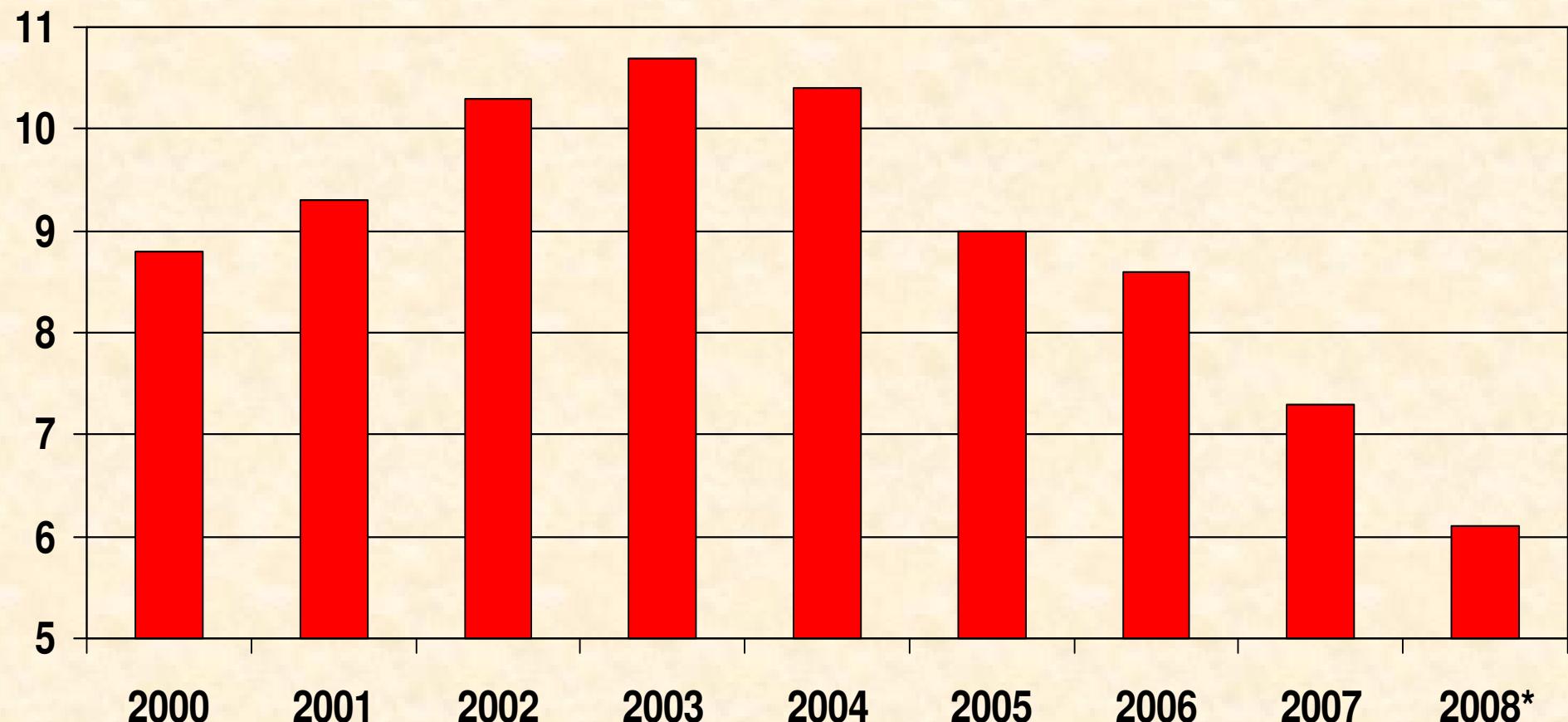
# Rate of Inflation 2000-2008

(CPI, Percent)



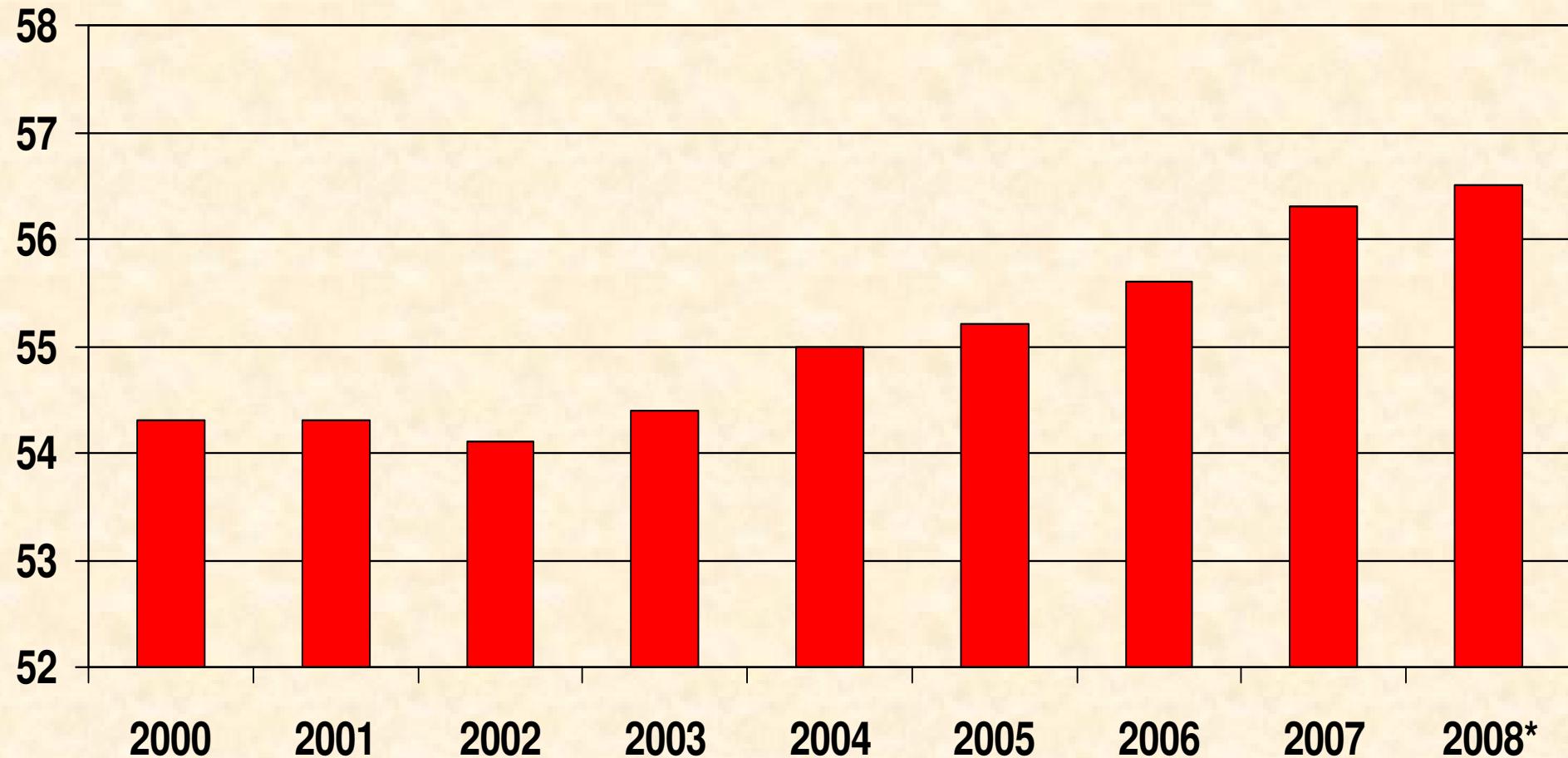
# Unemployment 2000-2008

(Percent)



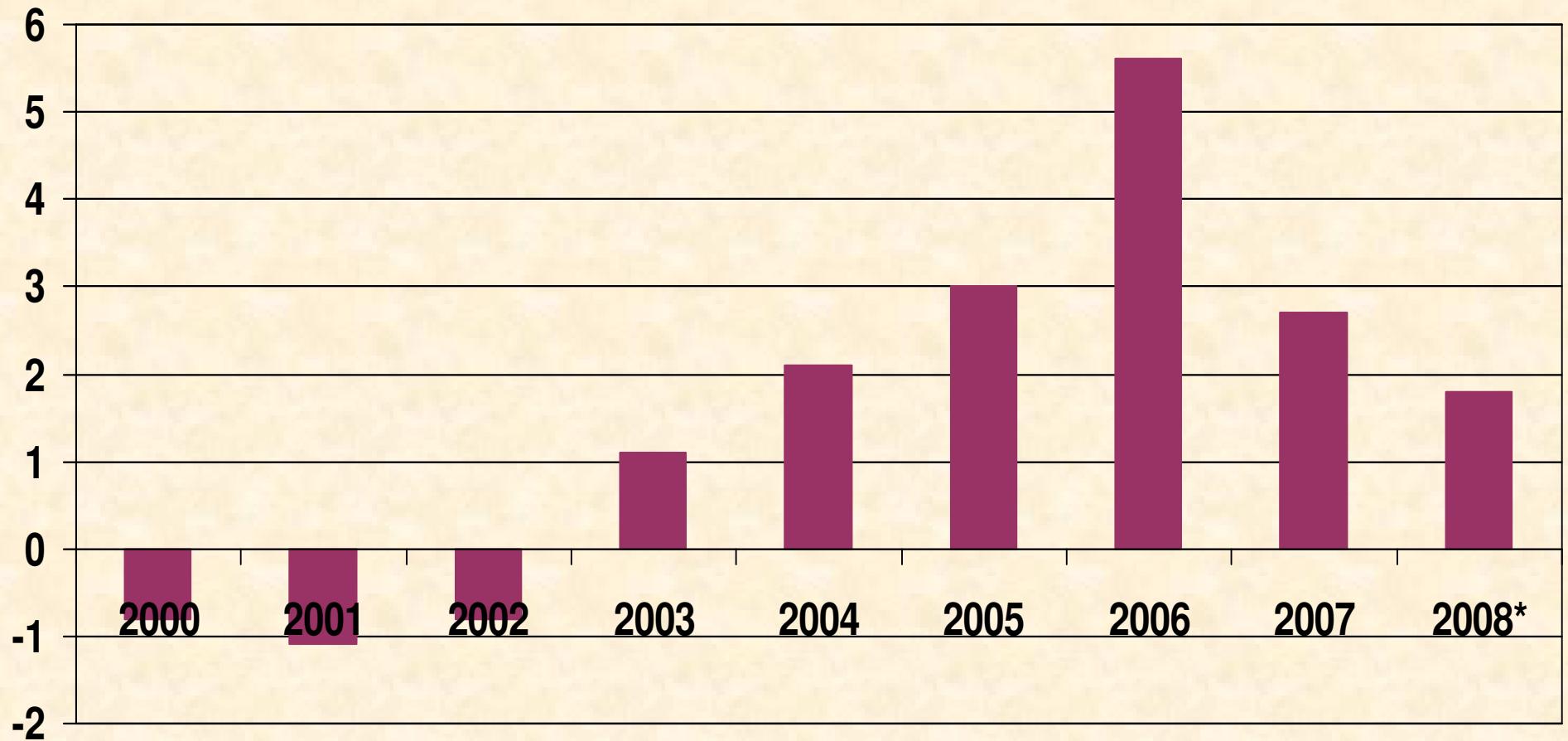
# Labor Force Participation 2000-2008

(Percent)



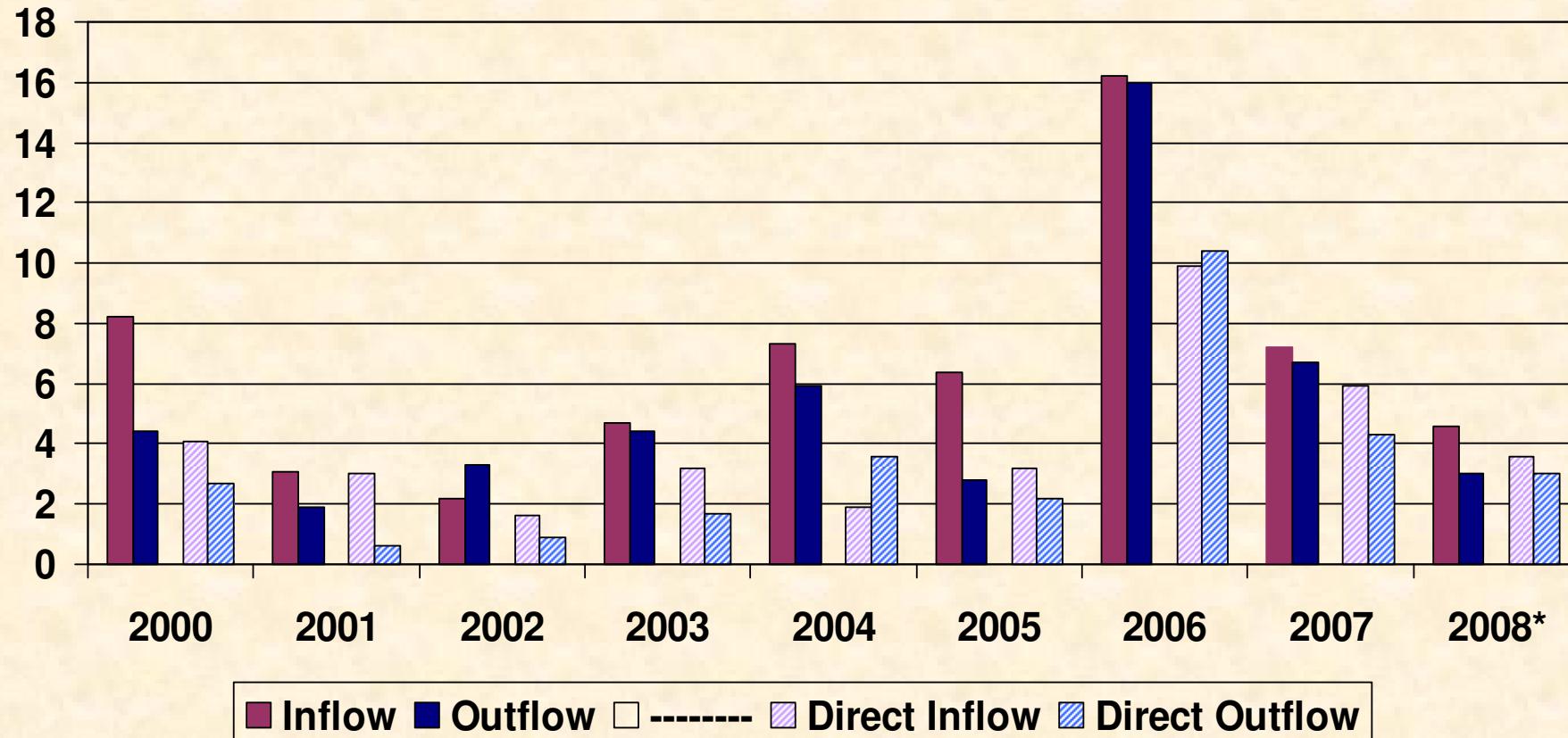
# Current Account 2000-2008

(Percent of GDP)



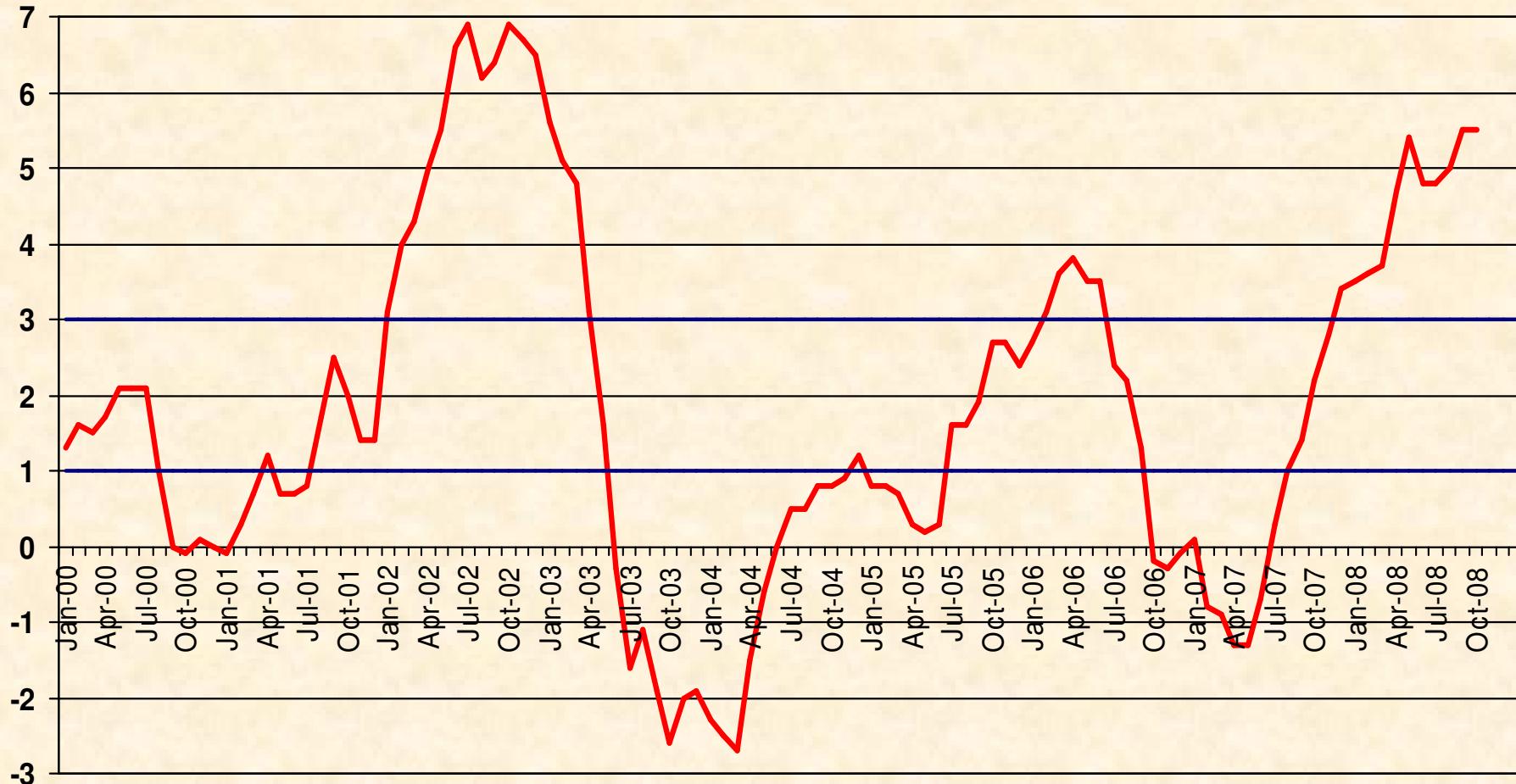
# Foreign Investment 2000-2008

(Billion U.S. dollars)



# Consumer Price Index 2000-2008

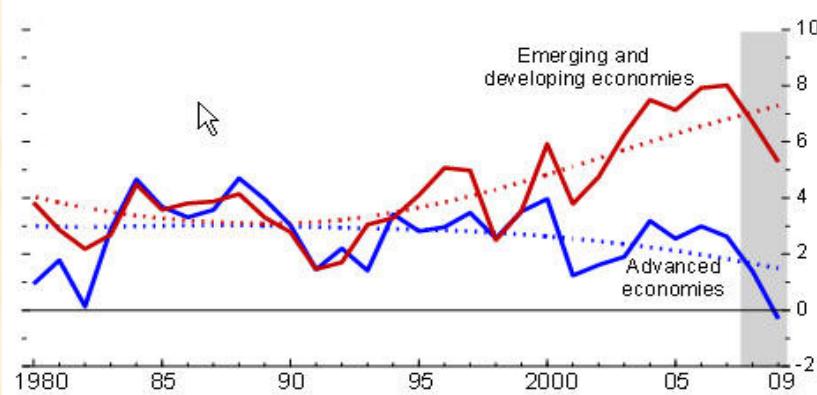
(Percent change in previous 12 months)



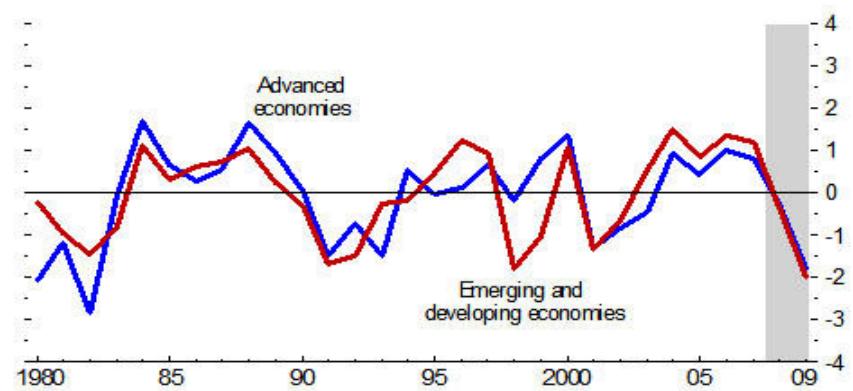
# **The World Economy**

## **Basic Assumptions**

**Figure 1. Real GDP Growth and Trend**  
(Percent change)

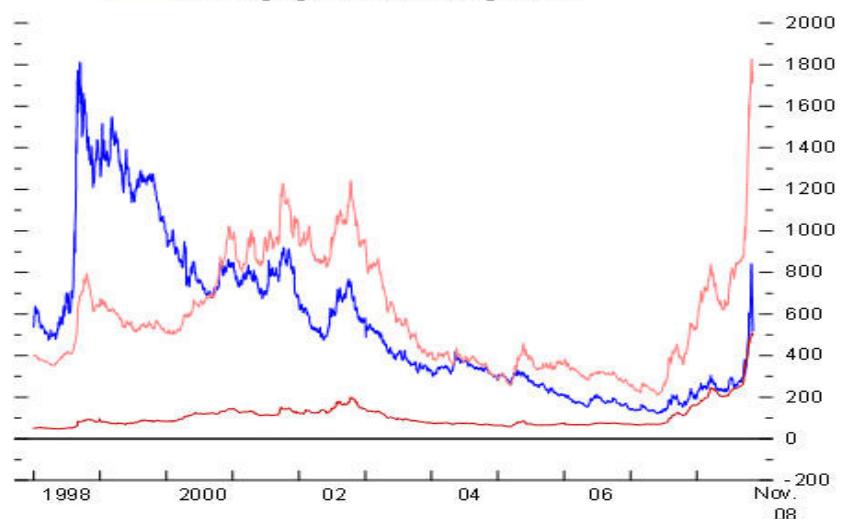


**Figure 2. Real GDP Growth—Deviation from Trend**



**Figure 3. Advanced and Emerging Markets: Sovereign and Corporate Bond Spreads, 1998–2008<sup>1</sup>**  
(In basis points)

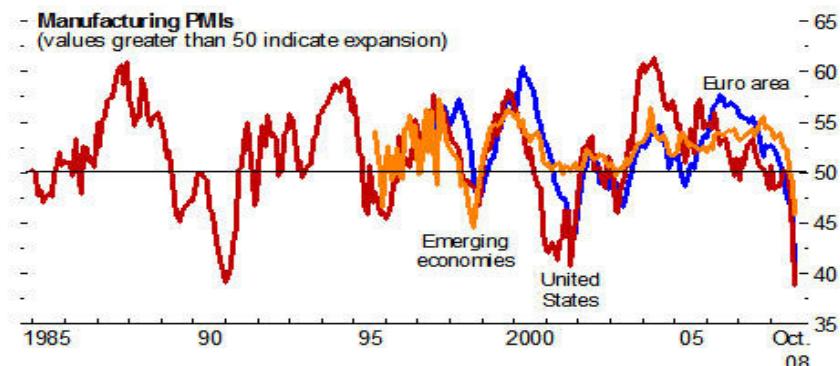
— Advanced market corporate bonds (high-grade)  
— Advanced market corporate bonds (low-grade)  
— Emerging market sovereign bonds



Sources: Bloomberg Financial Markets; Datastream; JP Morgan; Moody's KMV; Thomson Reuters; and IMF staff calculations.

<sup>1</sup>The corporate bond spreads are derived as the difference between the asset swap spread and the commensurate London interbank offered rate.

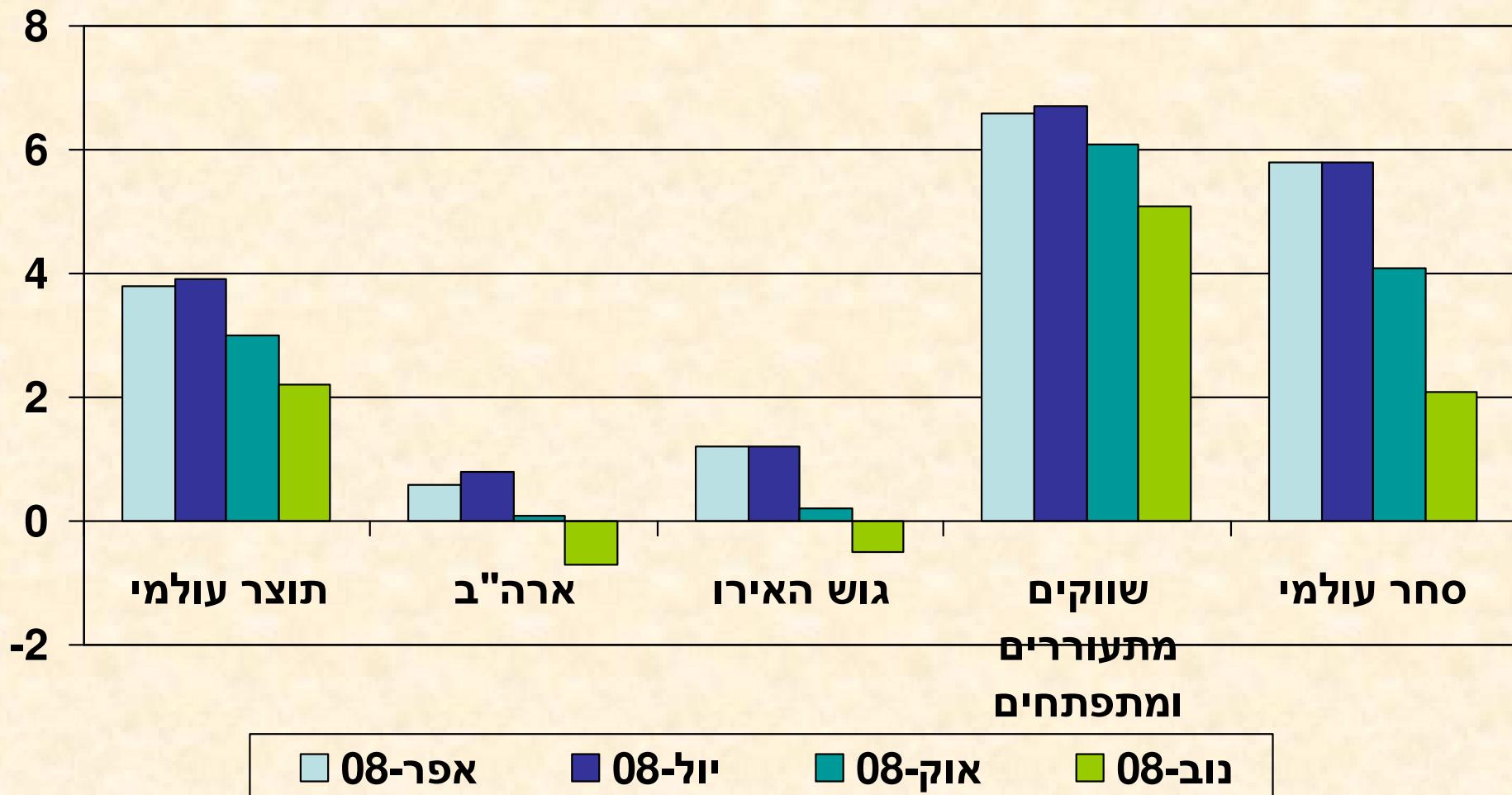
**Figure 4. Business Confidence Indicators**



Sources: Haver Analytics; and IMF staff estimates.

Source: IMF WEO Update November 2008  
afi Melnick December 2008

# תחזיות ה-IMF לפעילות עולמית ב-2009



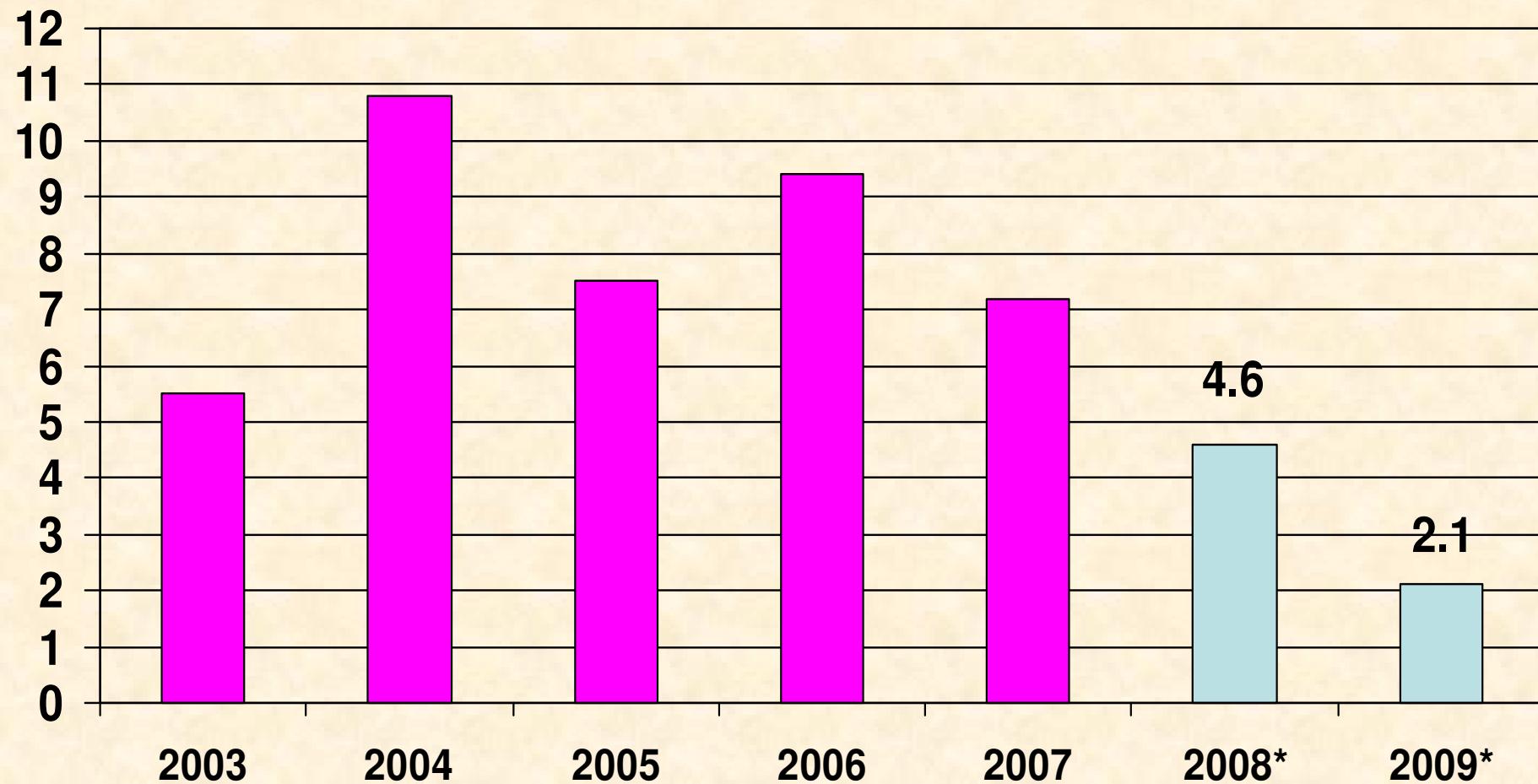
מקור: World Economic Outlook

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# World Trade Volume 2003-2009

(Annual Percent Change, IMF WEO October 2008)

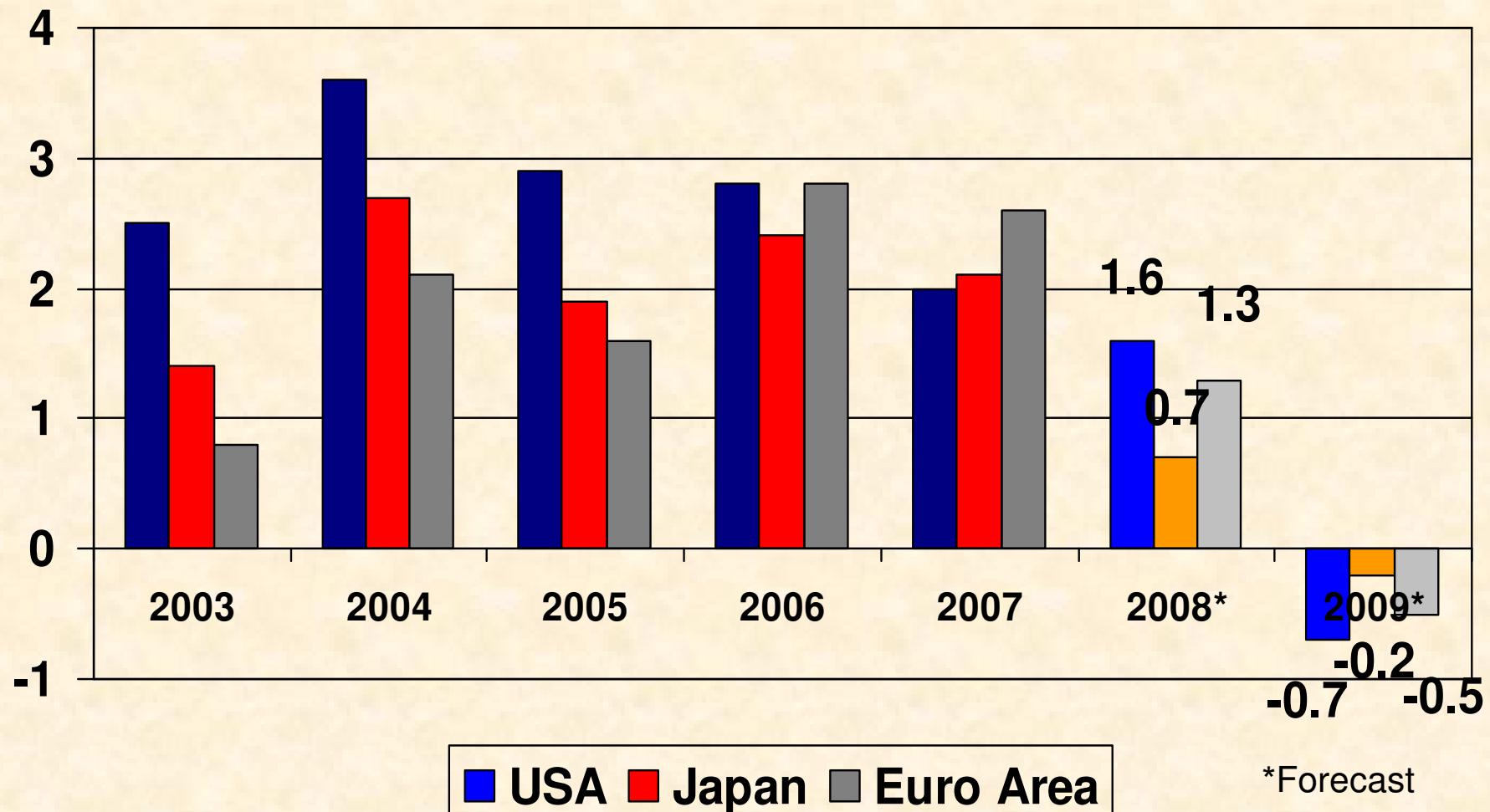


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\*Forecast  
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# Real GDP Growth 2003-2009

(Annual Percent Change, IMF WEO October 2008)

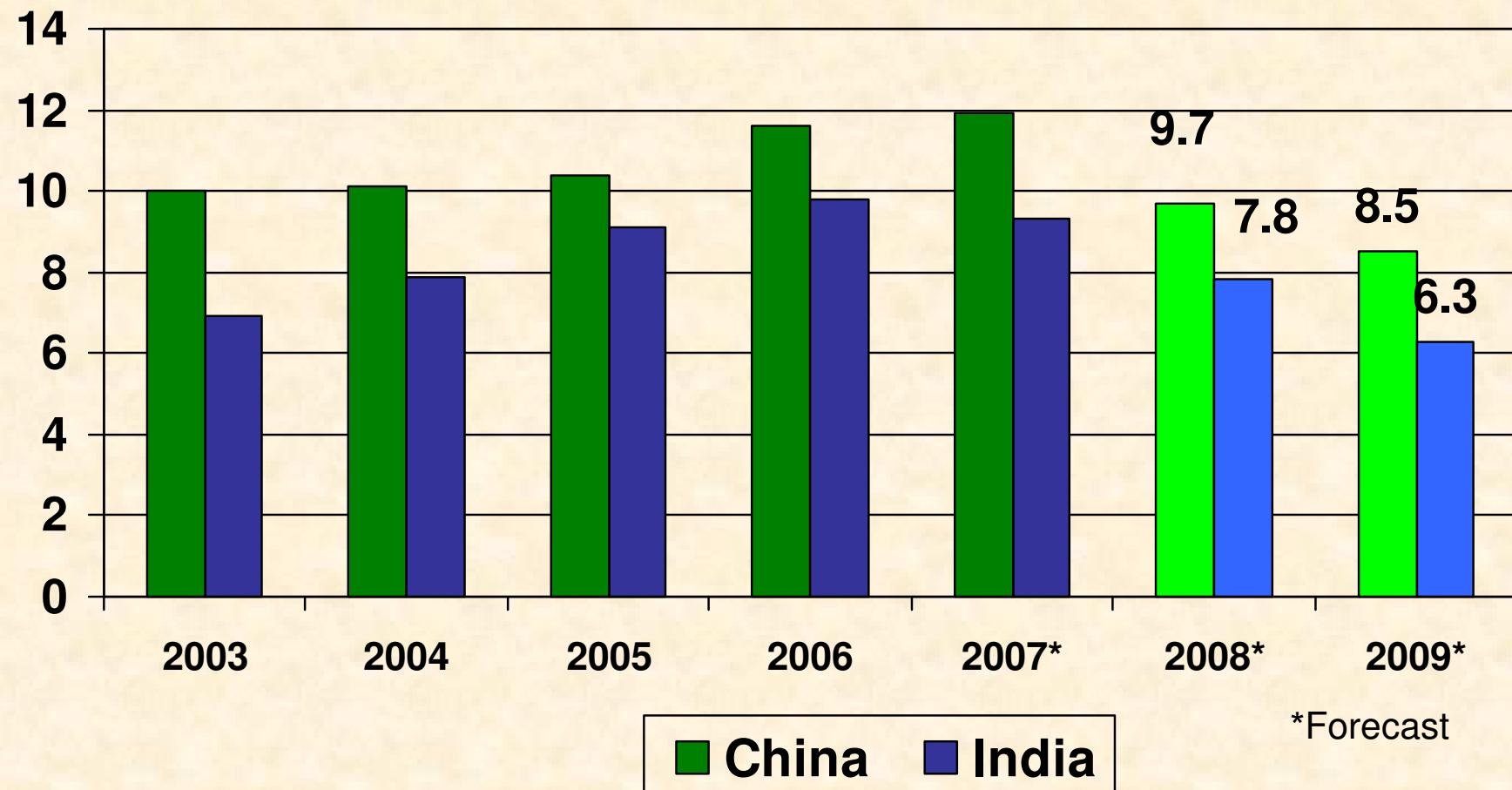


■ USA ■ Japan ■ Euro Area

\*Forecast

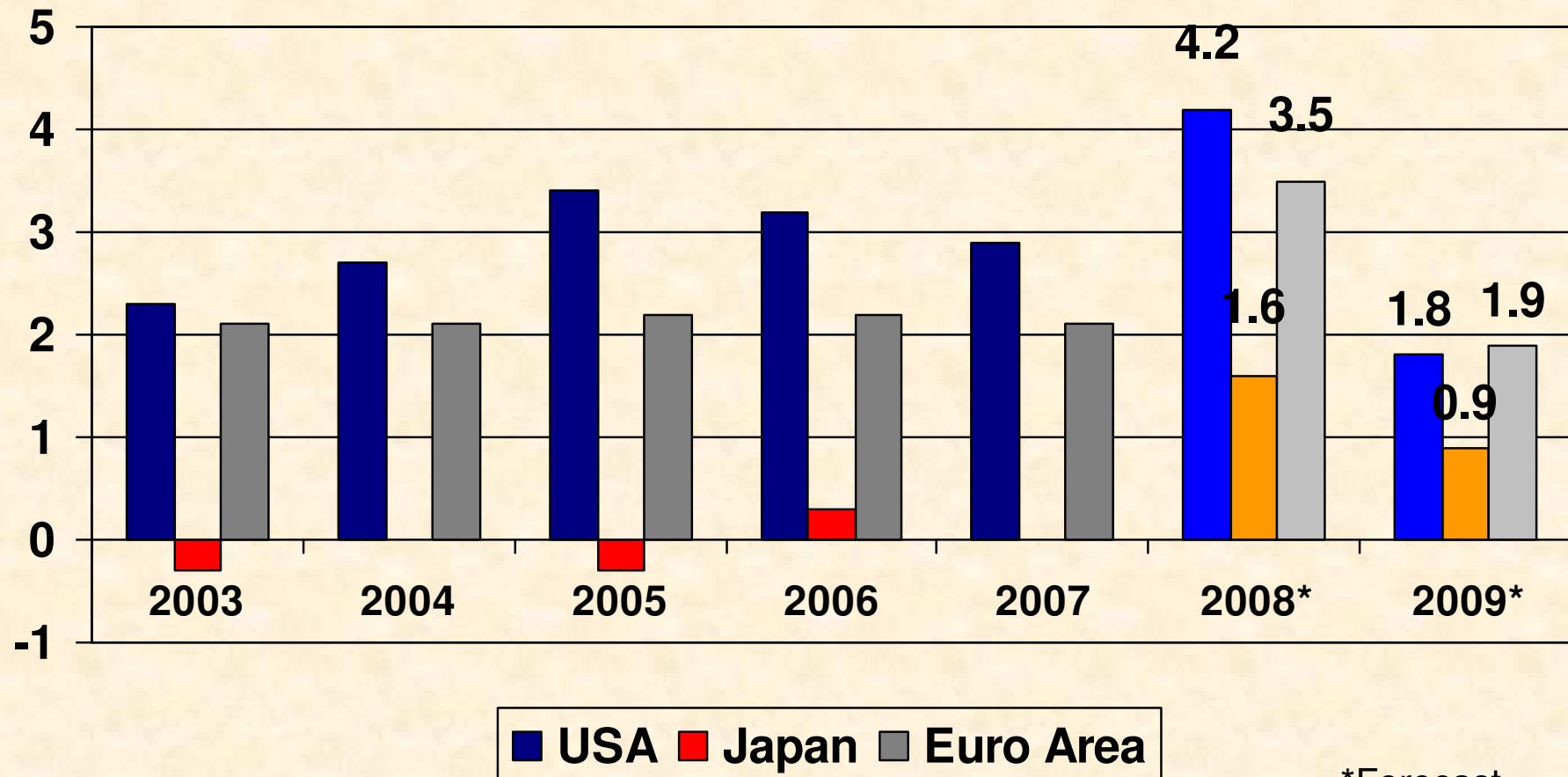
# Real GDP Growth 2003-2009

(Annual Percent Change, IMF WEO October 2008)



# Inflation 2003-2009

(CPI, Annual Percent Change, IMF WEO October 2008)

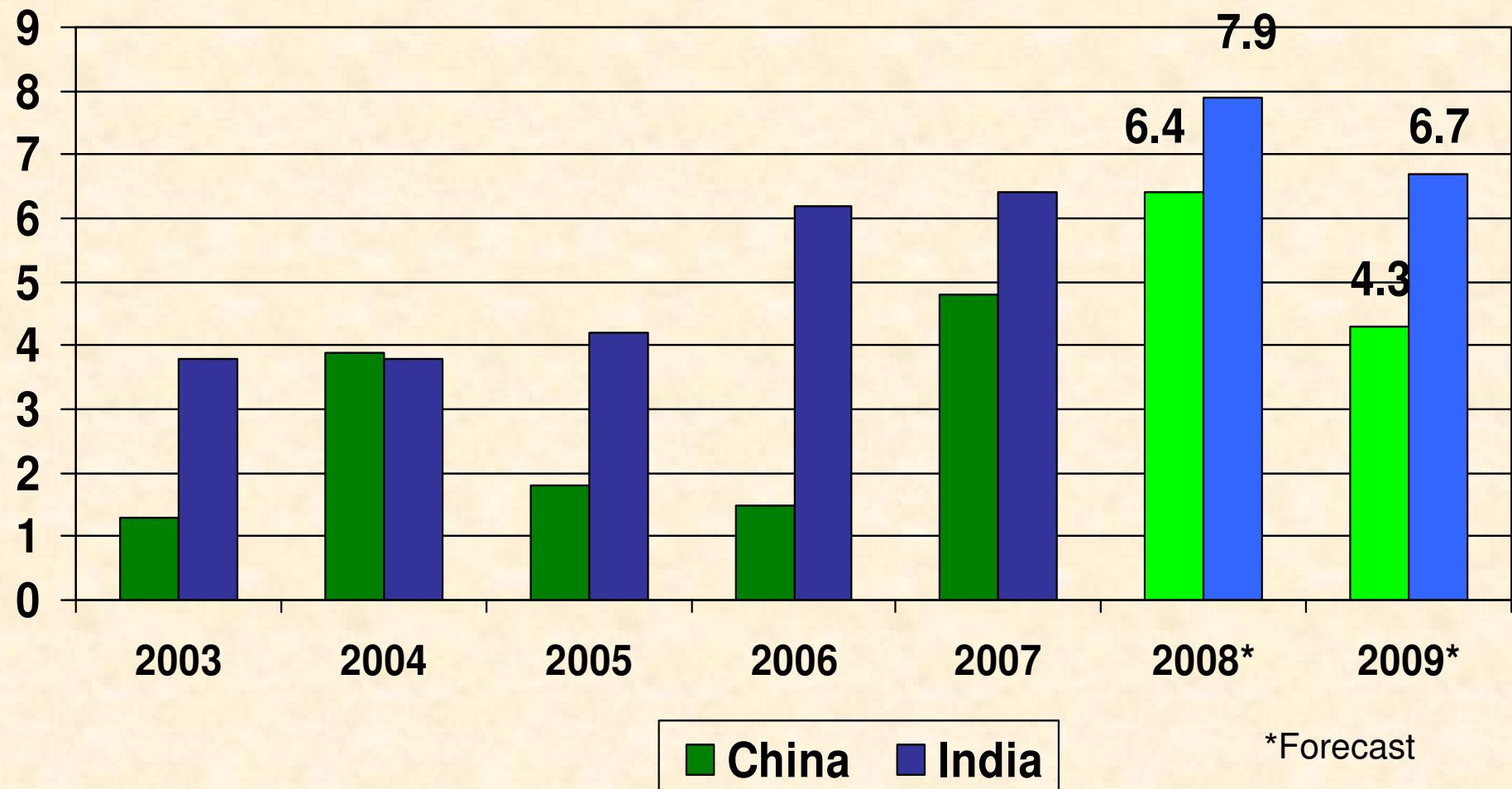


■ USA ■ Japan ■ Euro Area

\*Forecast

# Inflation 2003-2009

(CPI, Annual Percent Change, IMF WEO October 2008)



■ China ■ India

\*Forecast

# Economic Policy

## Fiscal – The 2009 Budget

## Monetary

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# Budget 2009

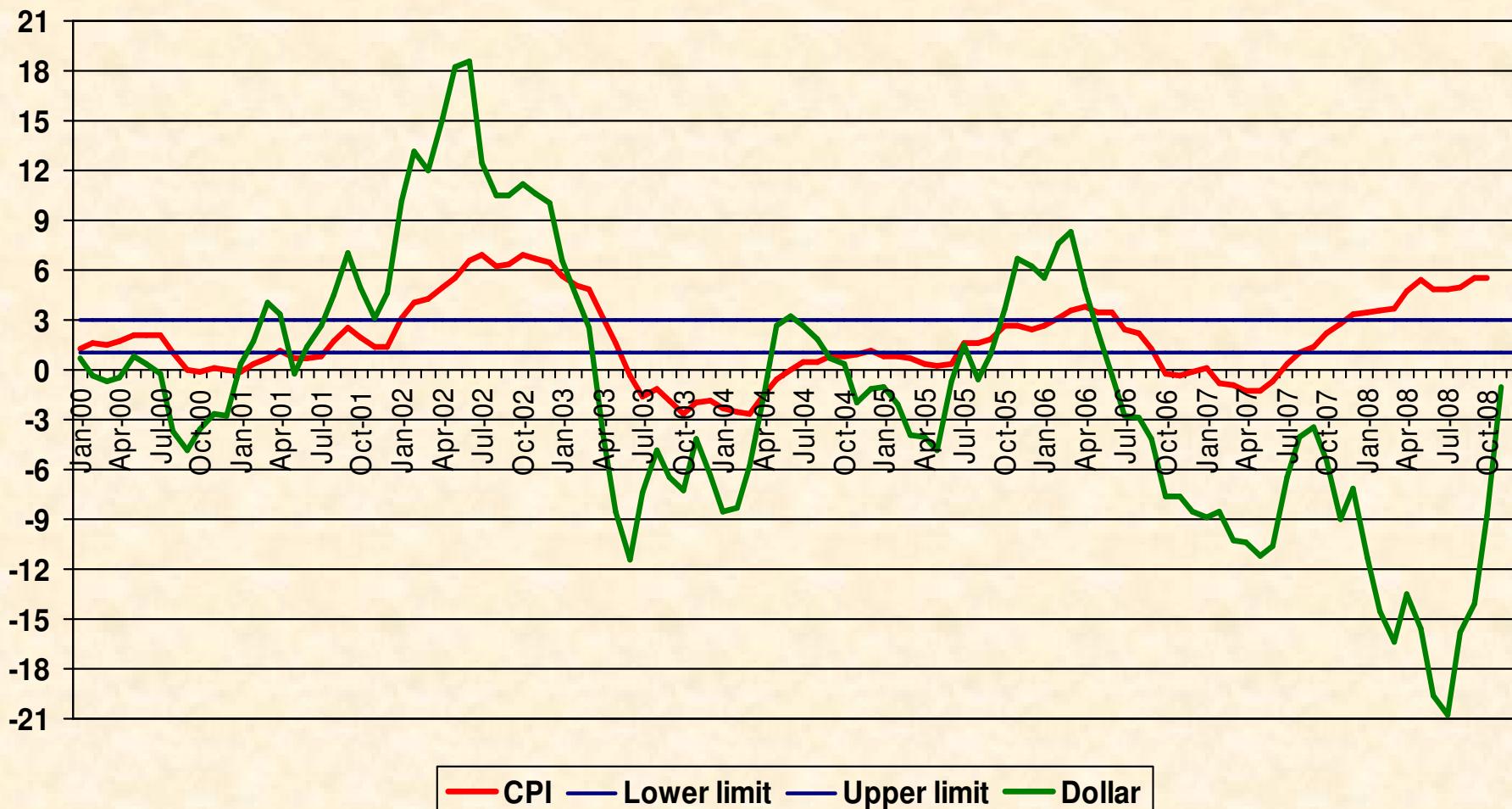
- The budget will not be approved on time – during the first quarter of 2009 expenditure will be 1/12 of 2008s budget
- The next government change the budget and I assume that government consumption and investment will increase by 2 percent in real terms
- Expected deficit 3.0 percent of GDP due to drop in tax collection
- Continuation of tax reduction as planned

# Monetary Policy

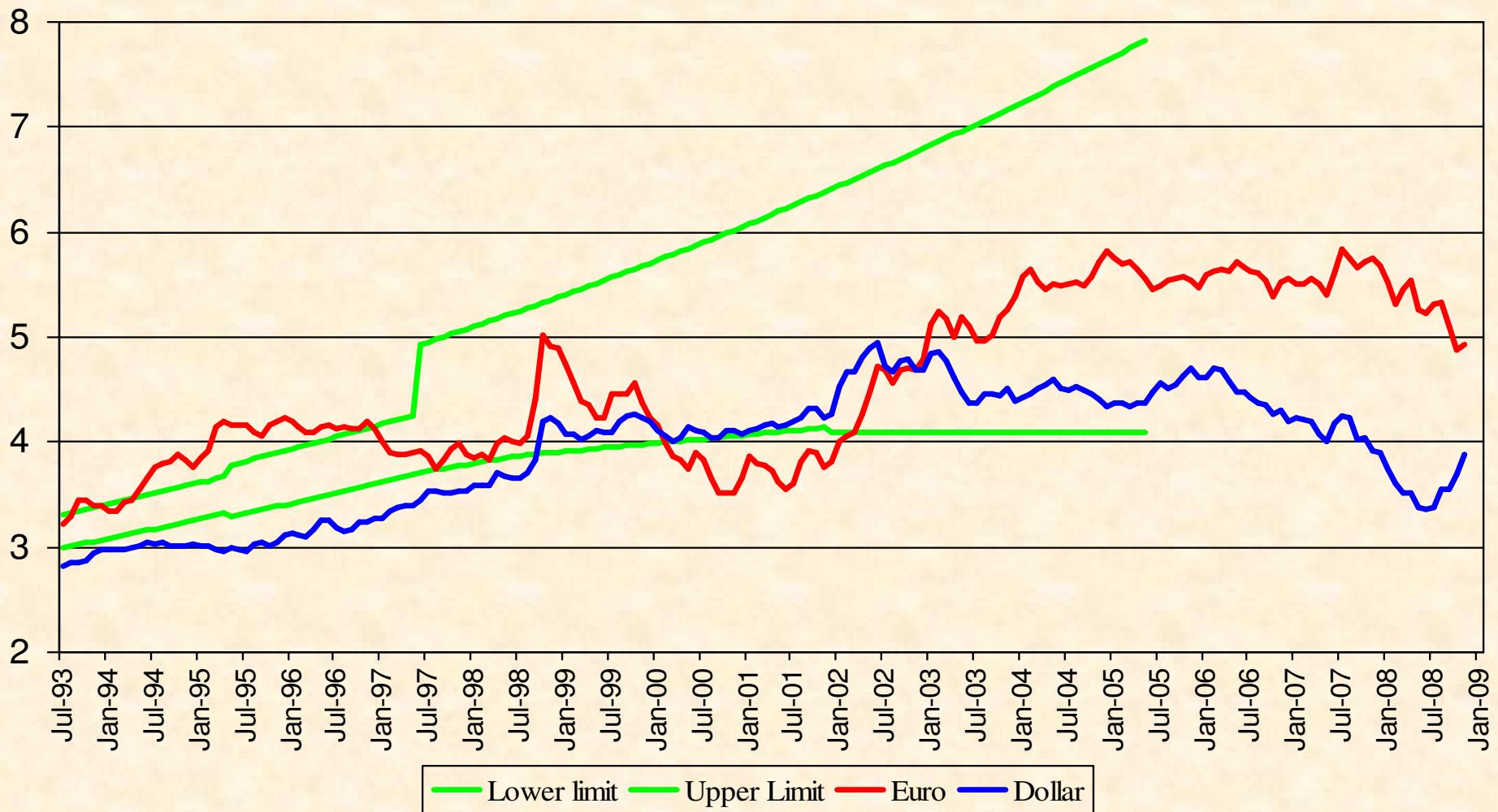
- ✓ Monetary Policy will continue to be expansionary
- ✓ The Bank of Israel will set the lowest possible interest rate
- ✓ The Bank of Israel will support the financial system and the banking system acting on time as “Lender of Last Resort”
- ✓ The Bank of Israel will continue to support the Shekel

# Consumer Price Index and Dollar Exchange Rate 2000-2008

(Percent change in previous 12 months)



# The Dollar and Euro Exchange Rate 1993-2008



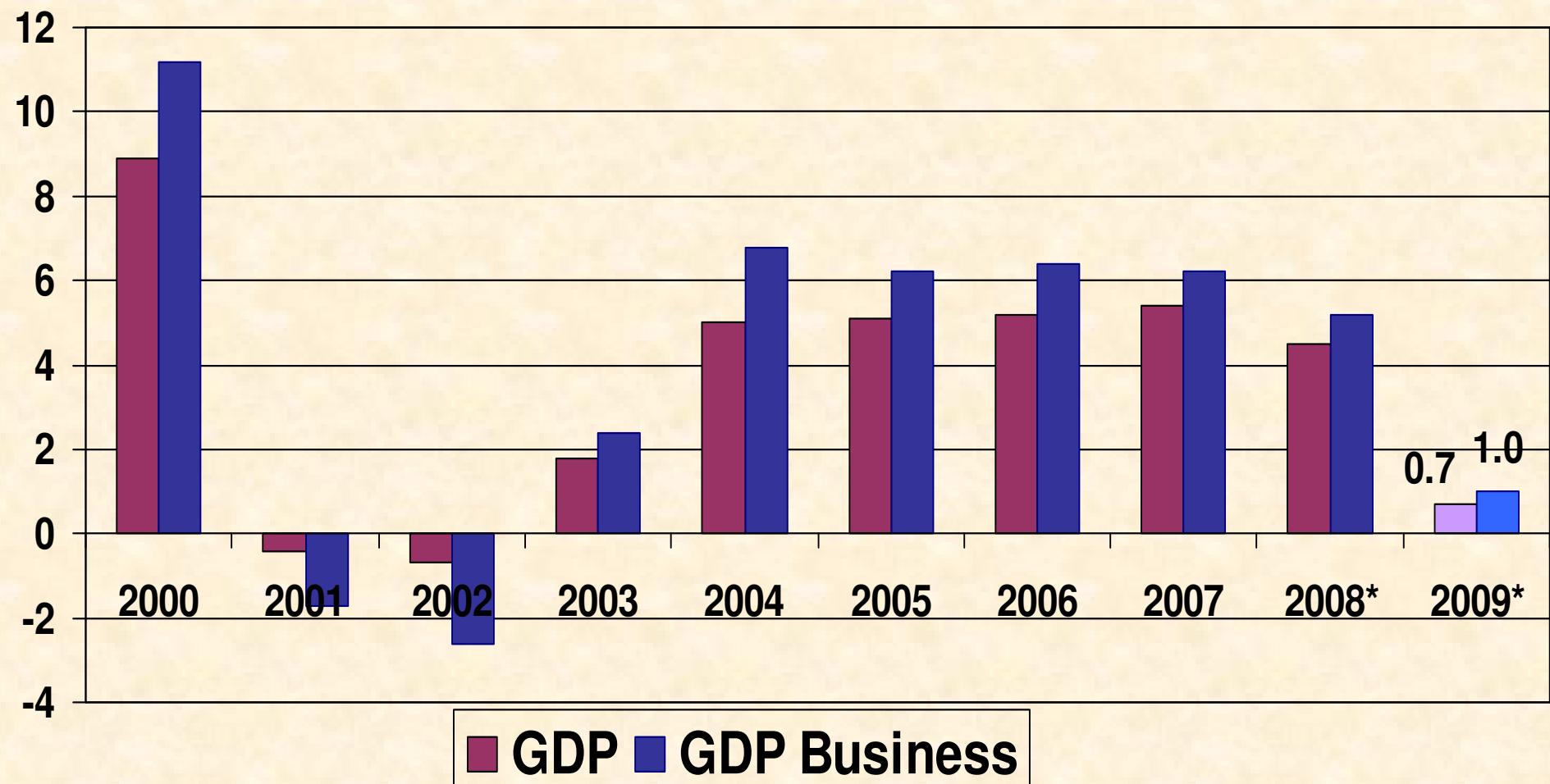
# Macroeconomic Forecast 2008

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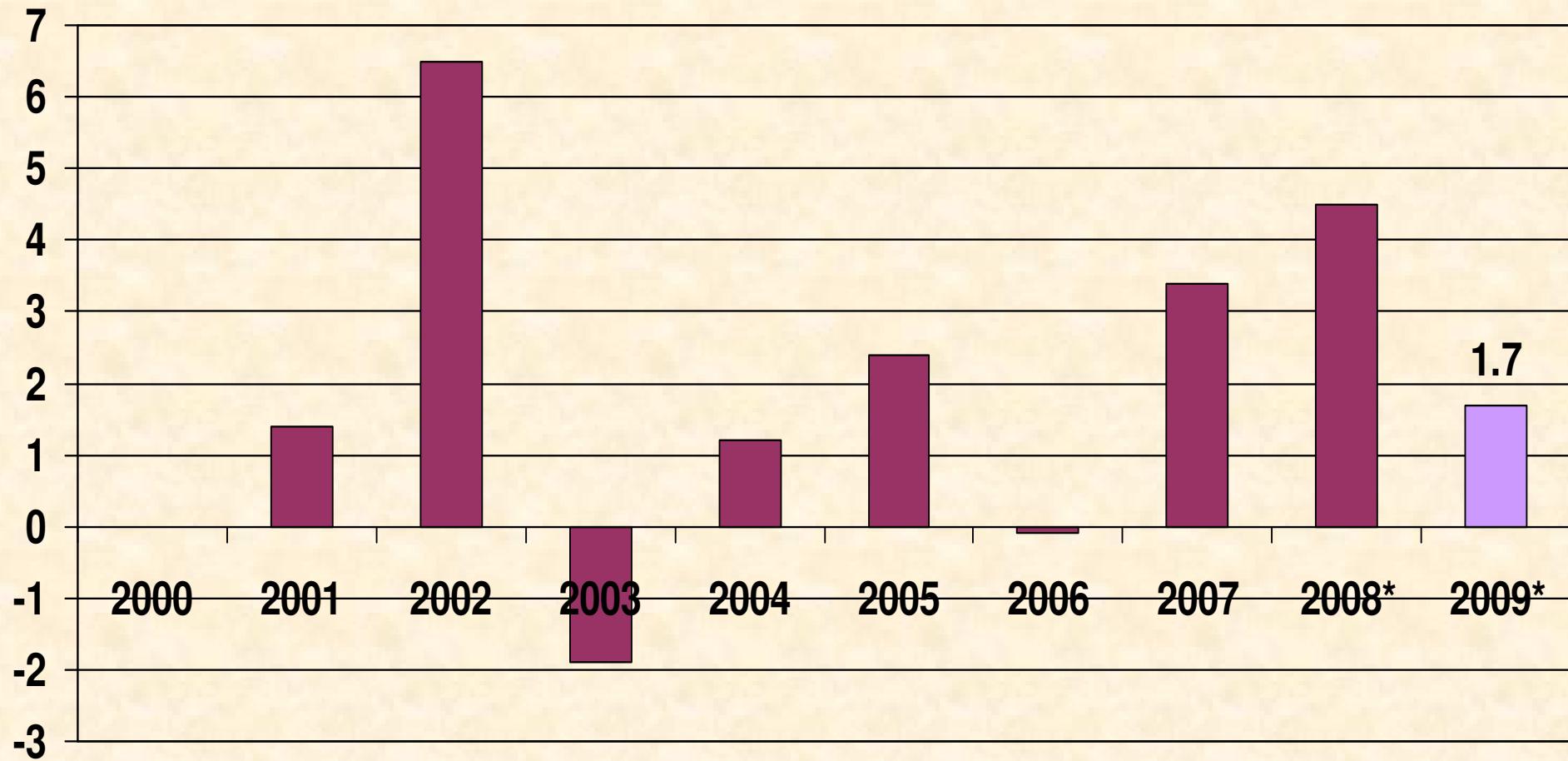
# GDP and GDPB Forecast 2009

(Rates of Growth, Percent)



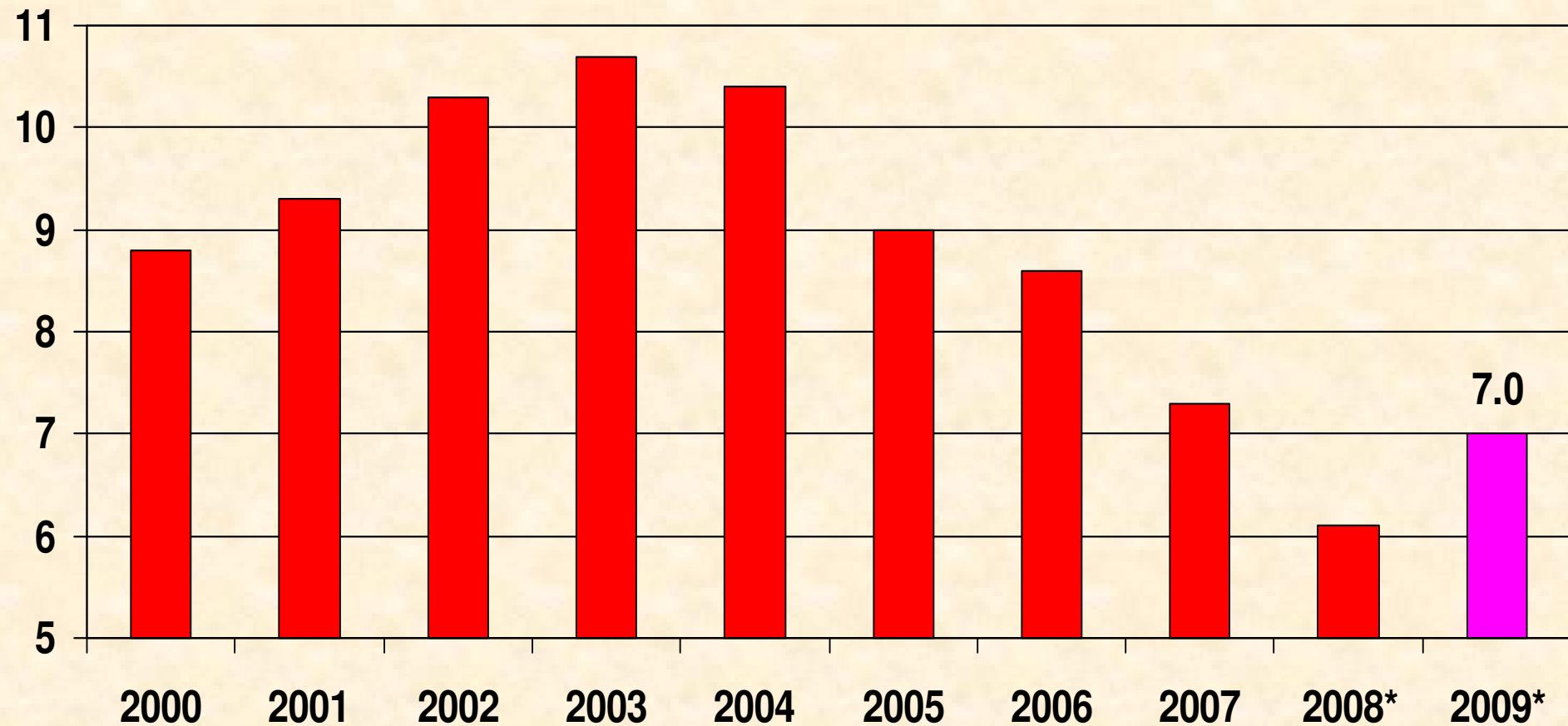
# Rate of Inflation Forecast 2009

(CPI, Percent)



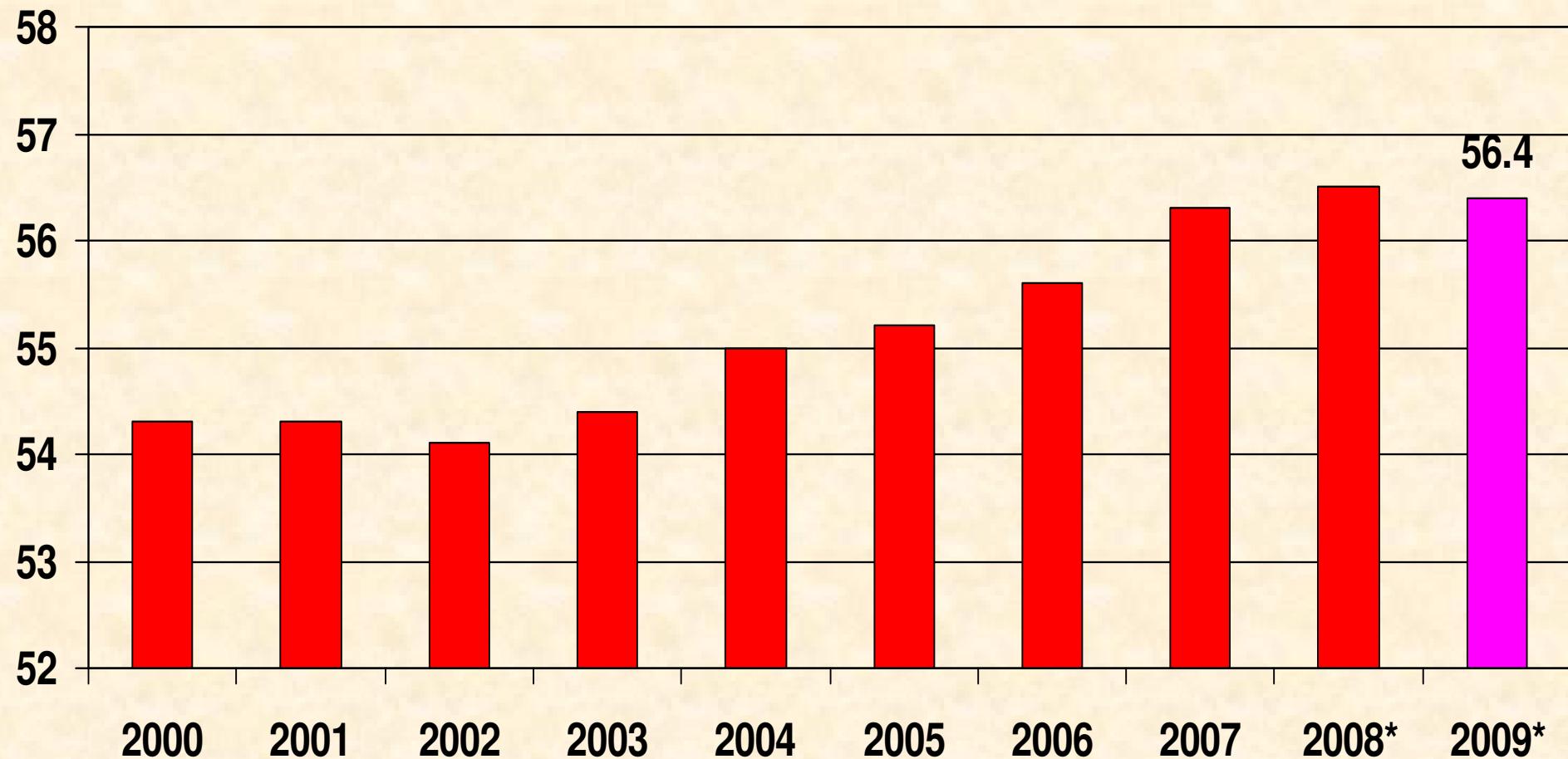
# Unemployment Forecast 2009

(Percent)



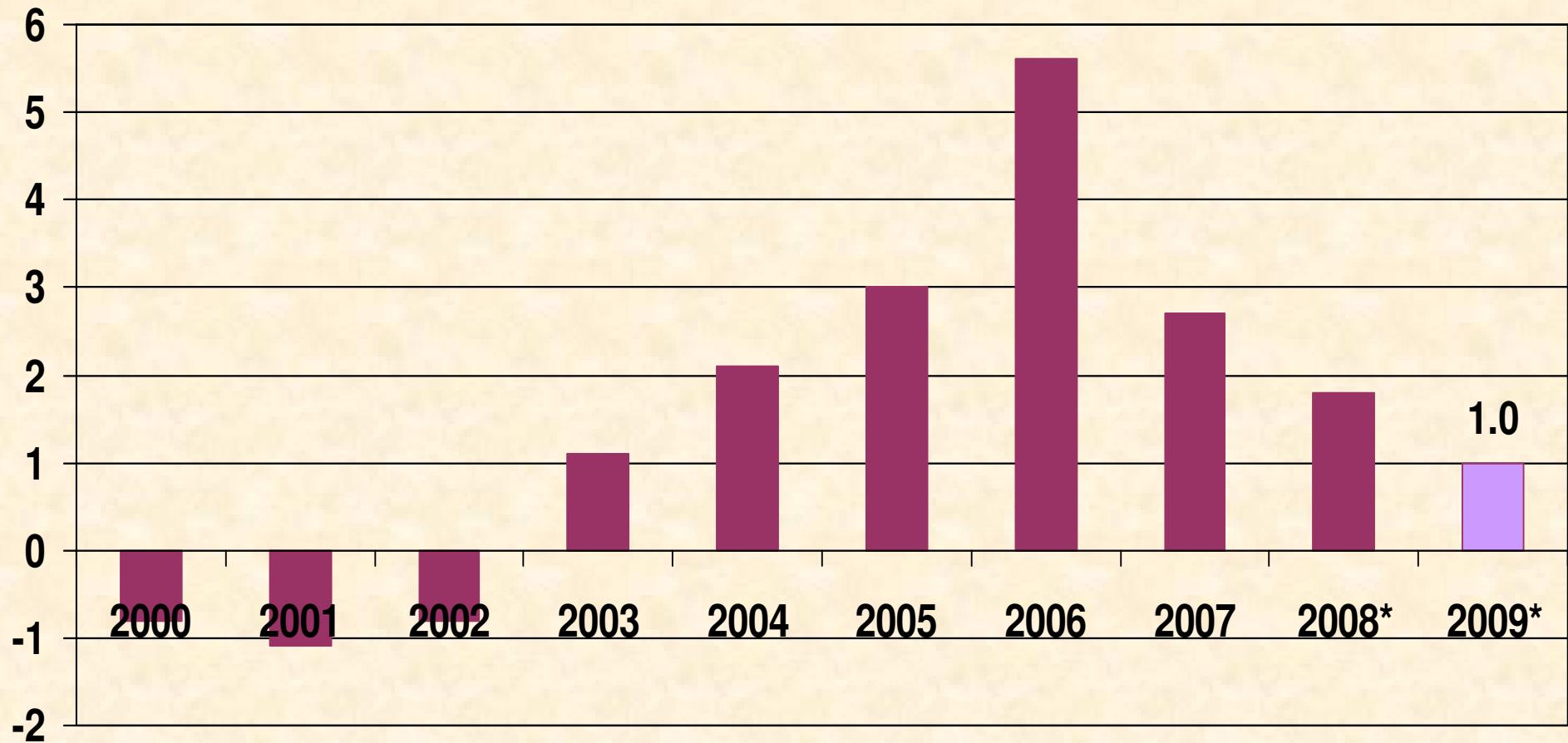
# Labor Force Participation Forecast 2009

(Percent)



# Current Account Forecast 2009

(Percent of GDP)

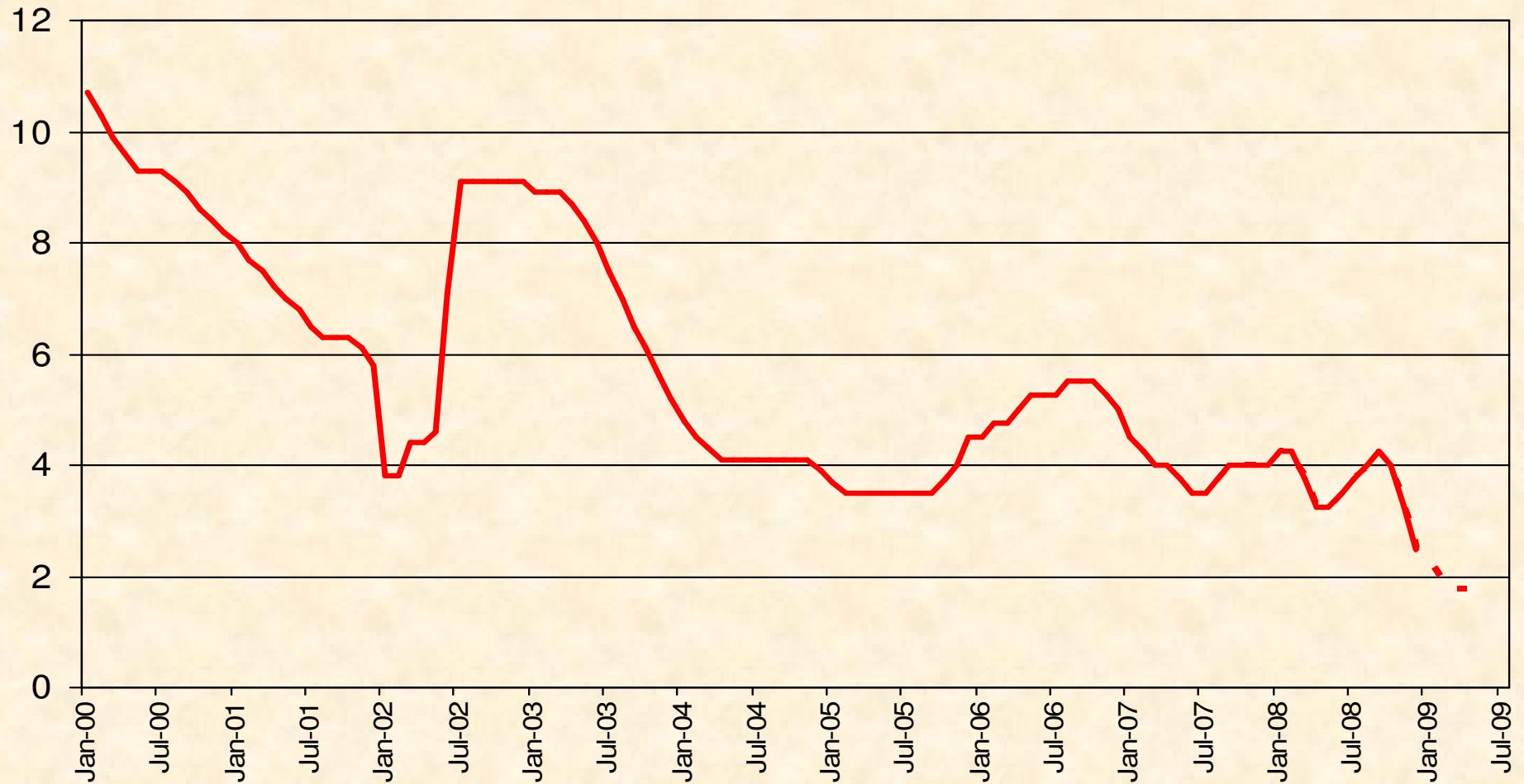


# Uses and Resources Forecast 2009

(Rates of Growth, Percent)

	C.B.S 2008	B.o.I. 2009	Melnick 2009
<b>Resources</b>			
GDP	4.5	1.5	<b>0.7</b>
Business GDP	5.2	1.8	<b>1.0</b>
Imports	4.2	0.7	<b>2.5</b>
<b>Uses of Resources</b>			
Private Consumption	4.4	2.5	<b>2.5</b>
Government Consumption	2.3	-1.0	<b>2.0</b>
Gross Capital Formation	4.5	-0.5	<b>-5.0</b>
o.w.: Fixed Capital Formation	5.3	1.5	<b>-4.0</b>
Exports	5.8	1.2	<b>2.0</b>

# Bank of Israel Interest Rate 2000-2009

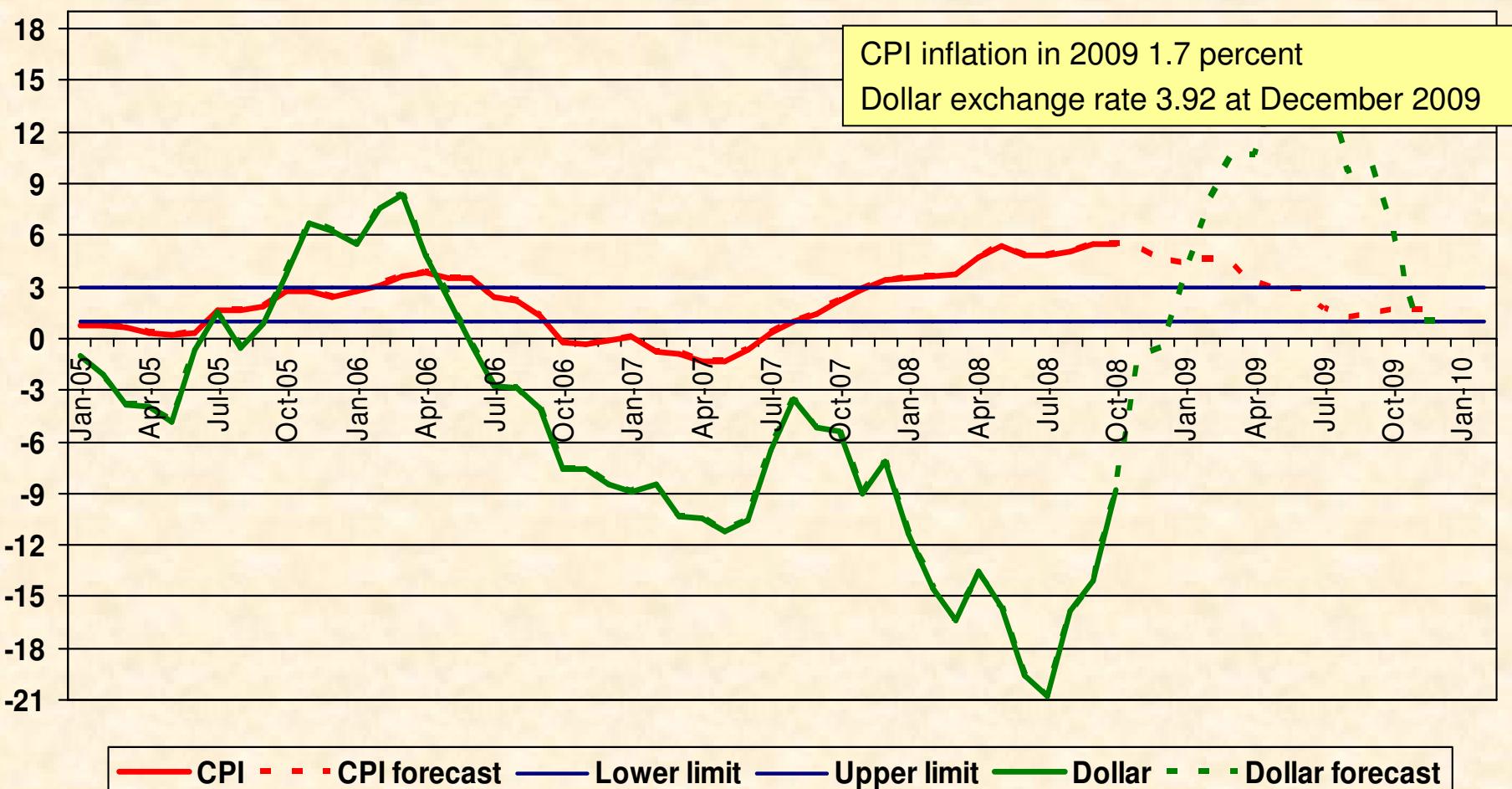


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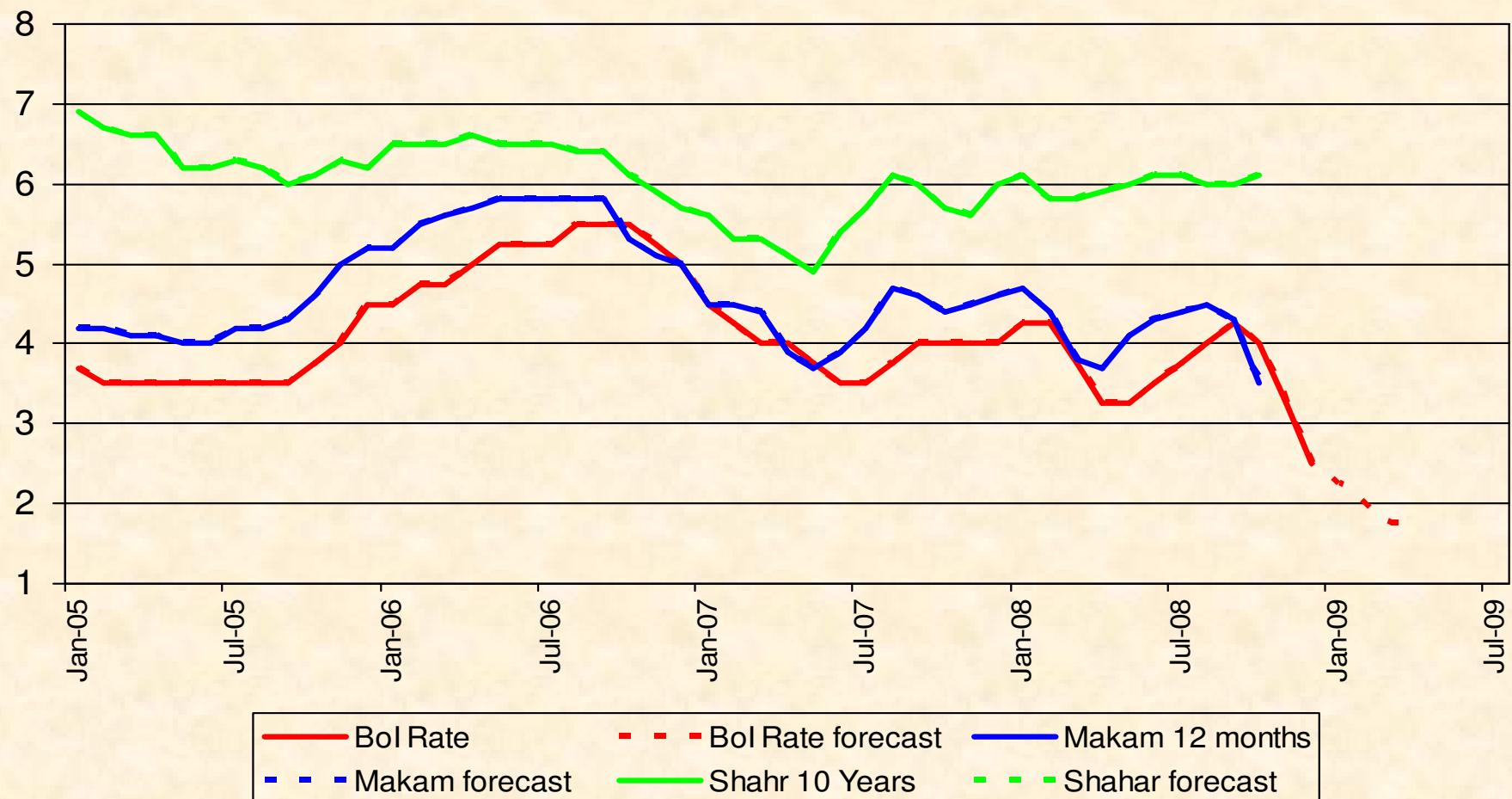
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# Consumer Price Index and Dollar Exchange Rate 2009 Forecast

(Percent change in previous 12 months)



# Bol Interest Rate and Yields to Makam and Shahar 2009 Forecast



# Real Yield on Indexed Government Bonds 2009 Forecast

(5 and 10 years maturity, percent)

