

**BANCO CENTRAL DO BRASIL**

# **Brazil's Economic Chart Pack**

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# I. Inflation

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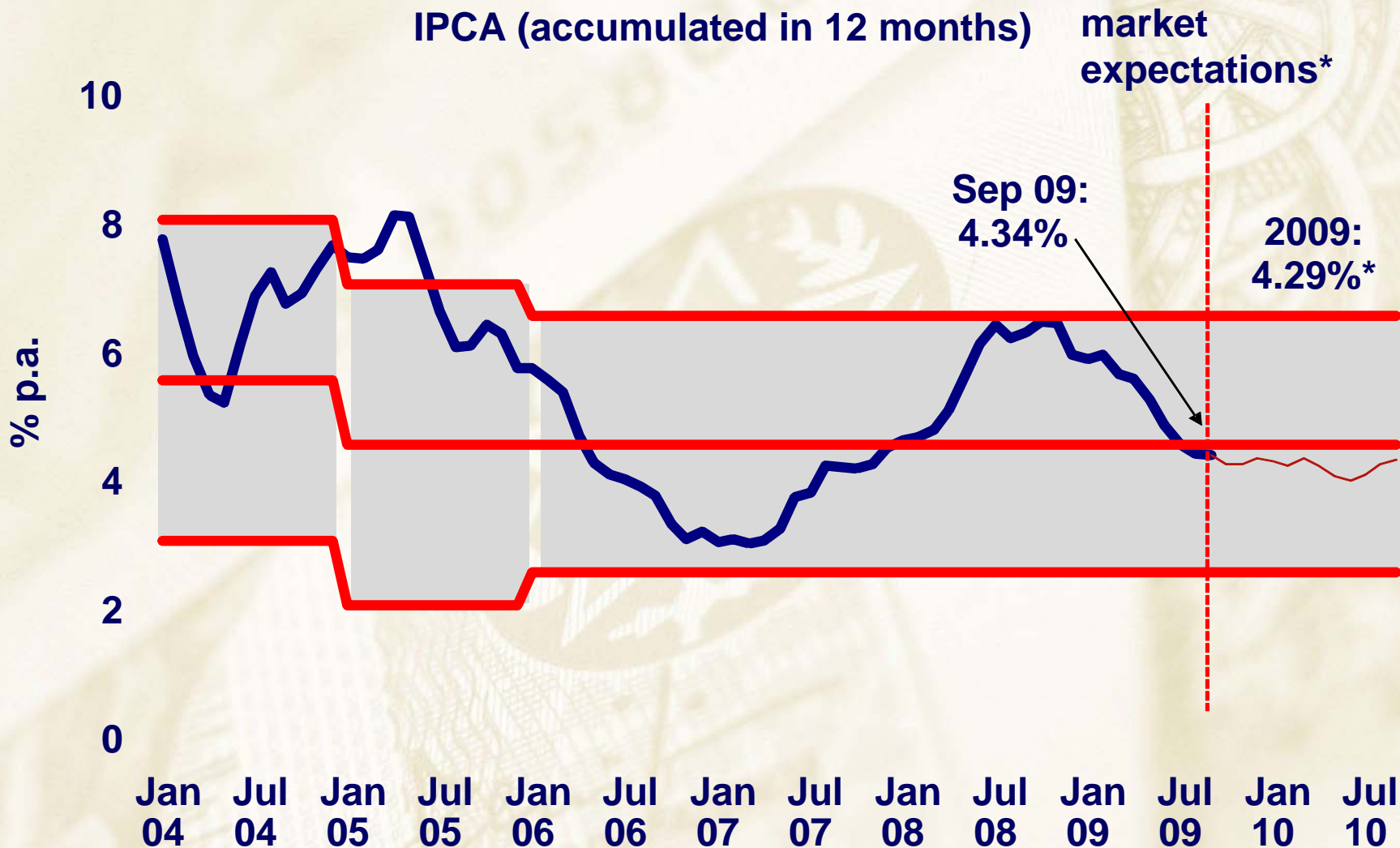
# Inflation Convergence to Targets

Year	Target	Regulation	Effective
1999	8% ± 2pp	Res. 2615, 6/30/99	8.9%
2000	6% ± 2pp	Res. 2615, 6/30/99	6.0%
2001	4% ± 2pp	Res. 2615, 6/30/99	7.7%
2002	3.5% ± 2pp	Res. 2744, 6/28/00	12.5%
2003	3.25% ± 2pp*	Res. 2842, 6/28/01	9.3%
	4% ± 2.5pp	Res. 2972, 6/27/02	
	8.5% (adjusted target)	Open Letter to the Min. of Finance, 1/21/03	
2004	3.75% ± 2.5pp*	Res. 2972, 6/27/02	7.6%
	5.5% ± 2.5pp	Res. 3108, 6/25/03	
2005	4.5% ± 2.5pp**	Res. 3108, 6/25/03	5.7%
2006	4.5% ± 2pp	Res. 3210, 6/30/04	3.1%
2007	4.5% ± 2pp	Res. 3291, 6/23/05	4.5%
2008	4.5% ± 2pp	Res. 3378, 6/29/06	5.9%
2009	4.5% ± 2pp	Res. 3463, 6/26/07	
2010	4.5% ± 2pp	Res. 3584, 7/1/08	
2011	4.5% ± 2pp	Res. 3748, 6/30/09	

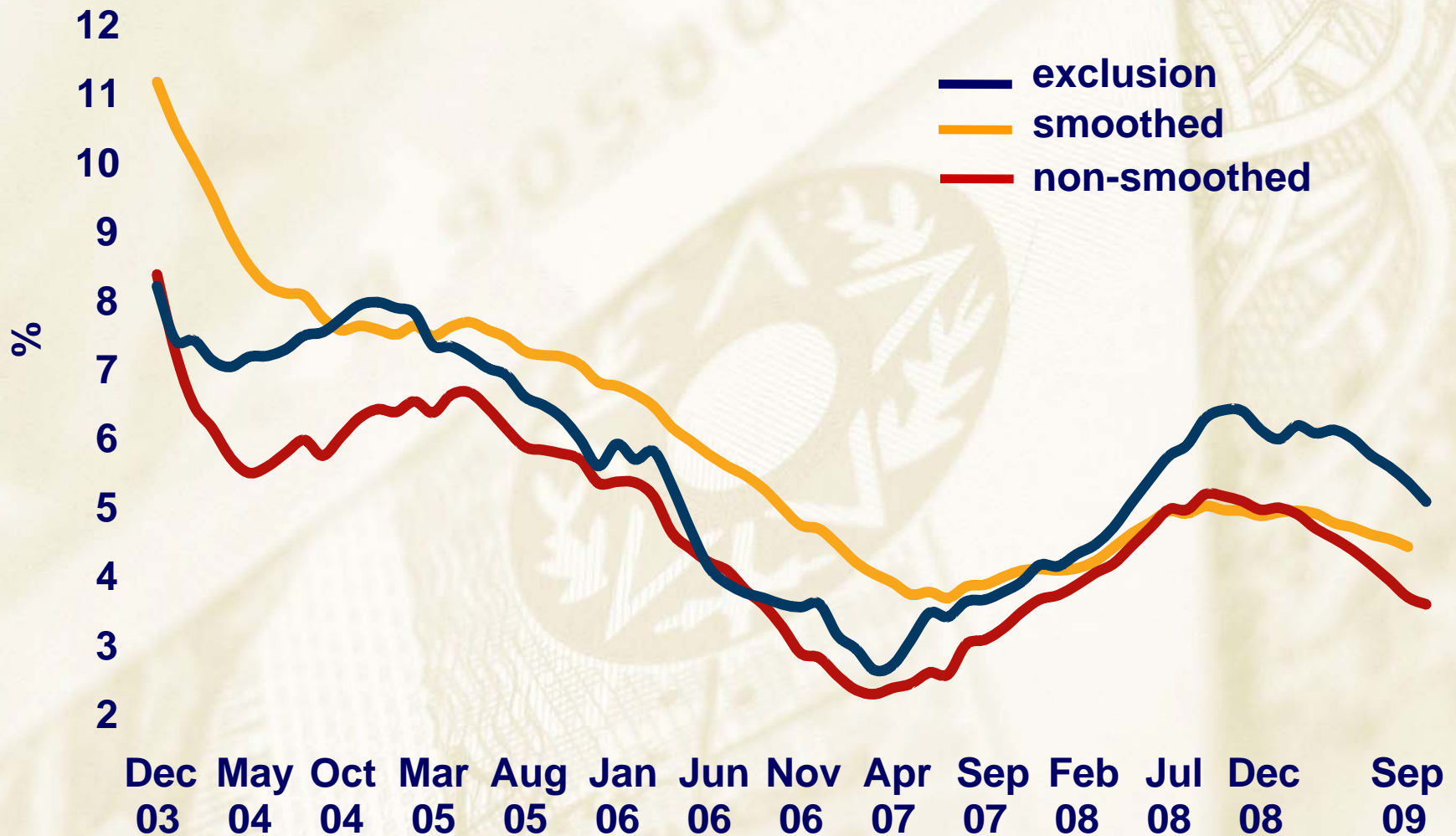
\* target reviewed in the subsequent Resolution

\*\* 5.1% objective defined in the Copom minutes (Sep/04)

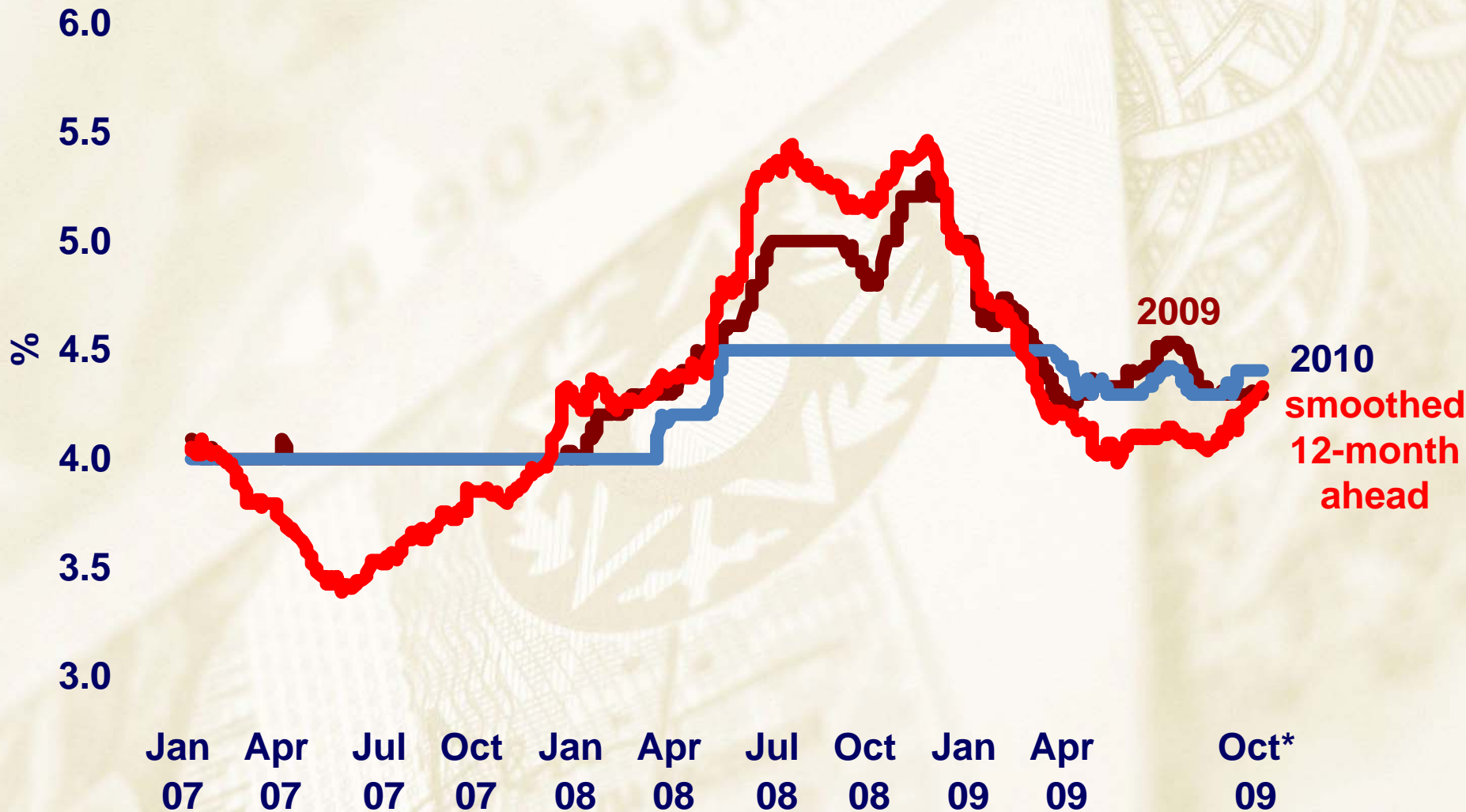
# IPCA (12m Change)



# Core IPCA Inflation

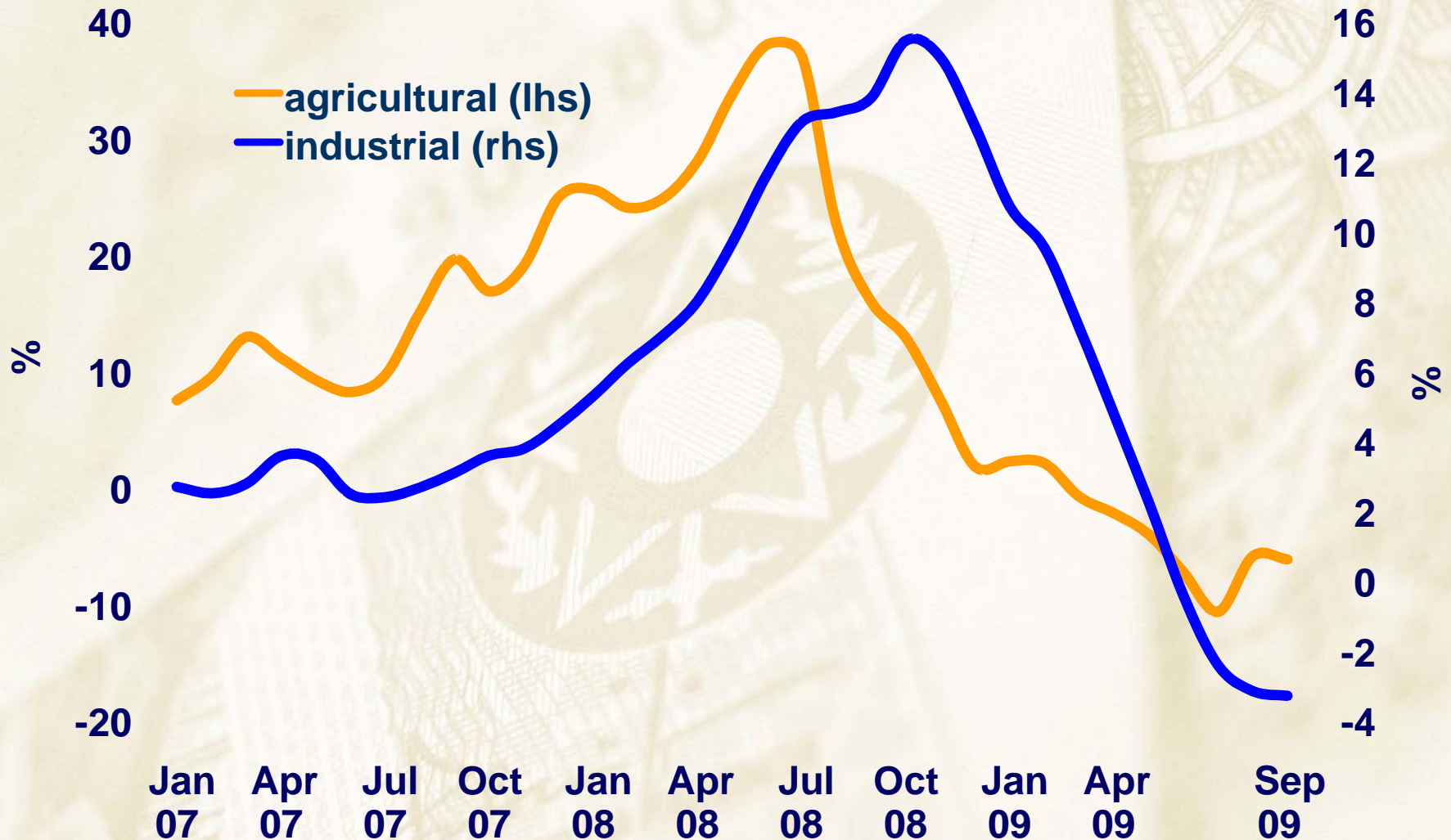


# IPCA Inflation Expectations



# Wholesale Prices

12m cummulative change

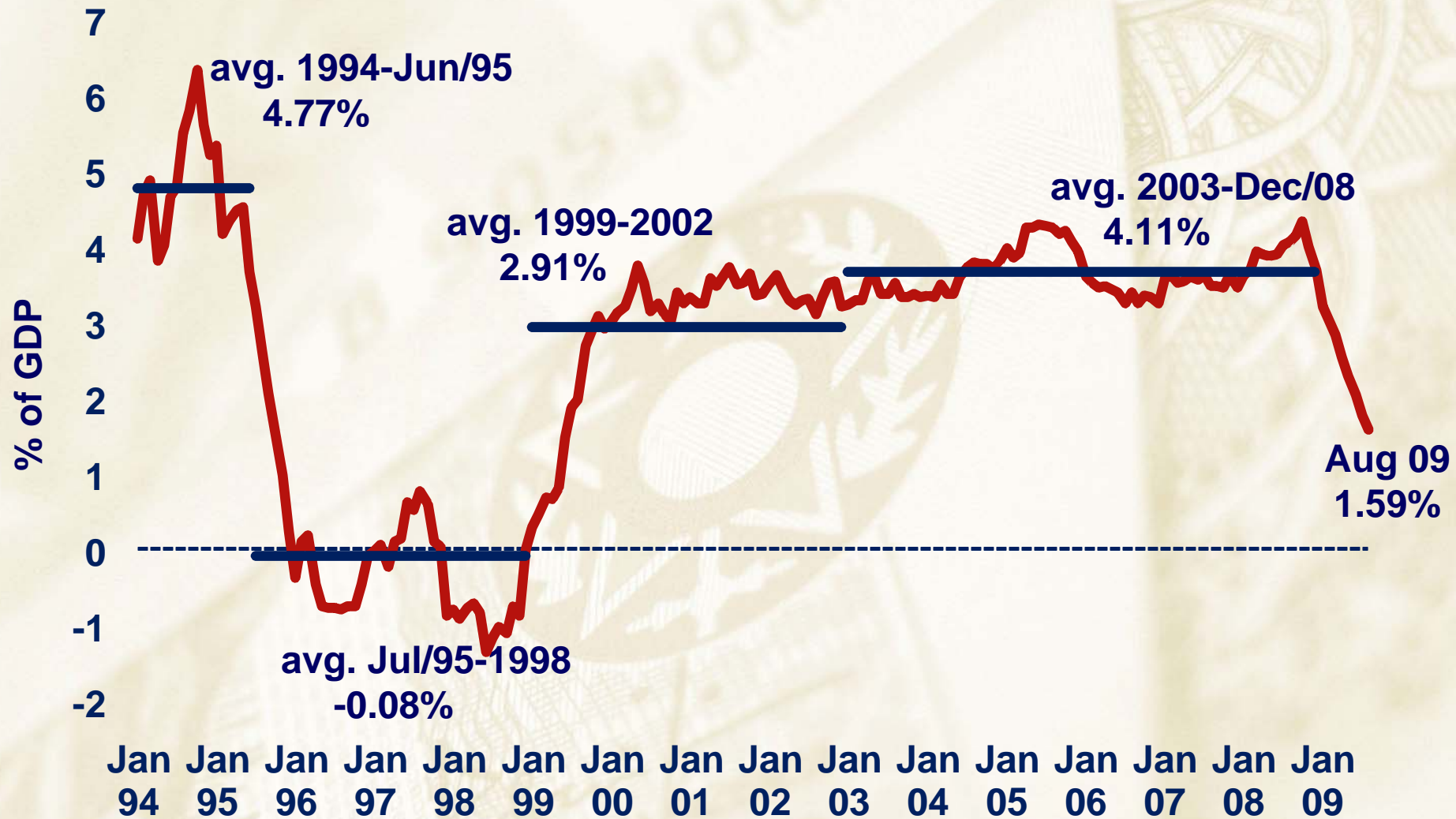


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## II. Fiscal Policy

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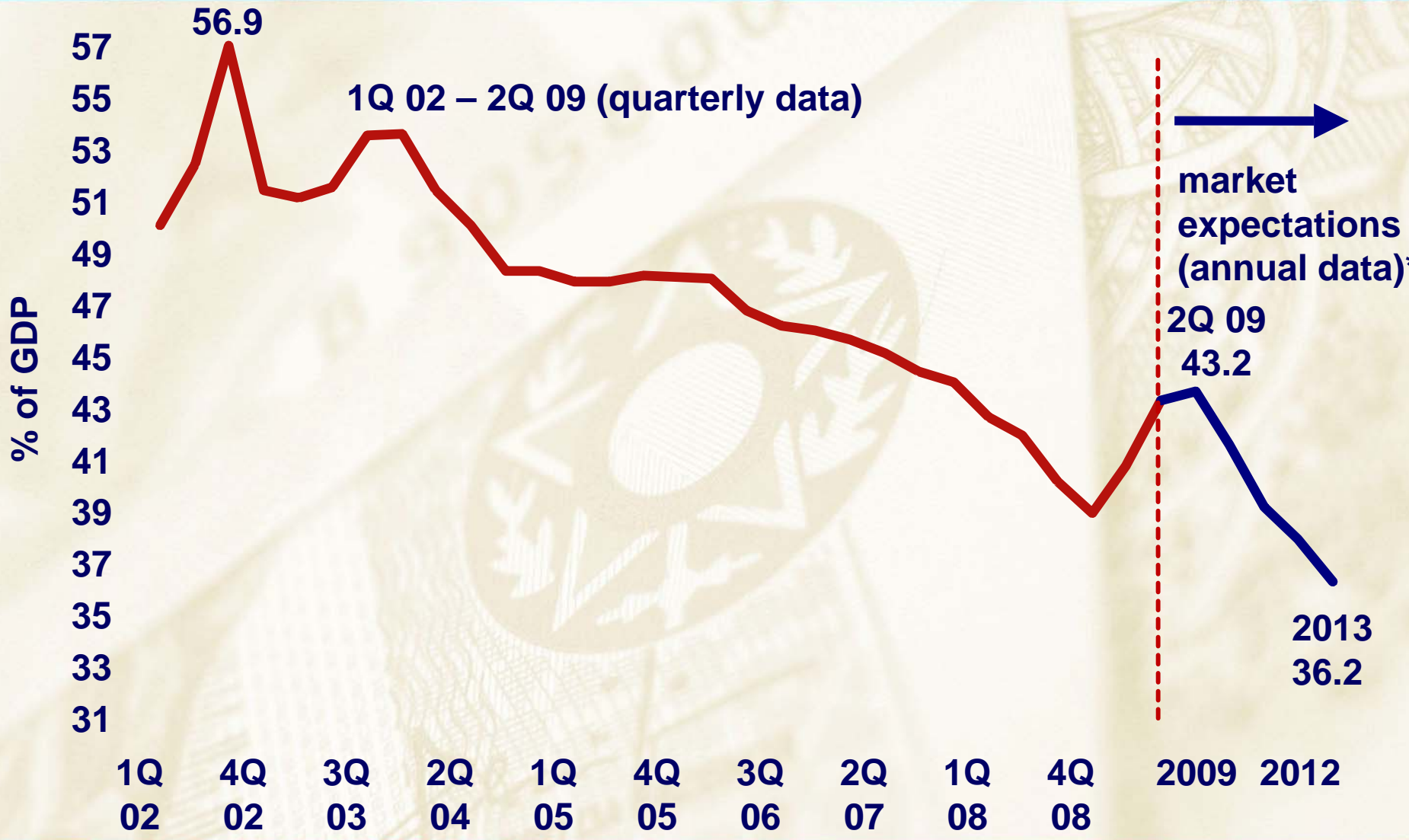
# Consolidated Public Sector Primary Surplus



# Consolidated Public Sector Borrowing Requirements (Nominal)



# Public Sector Net Debt: Trend

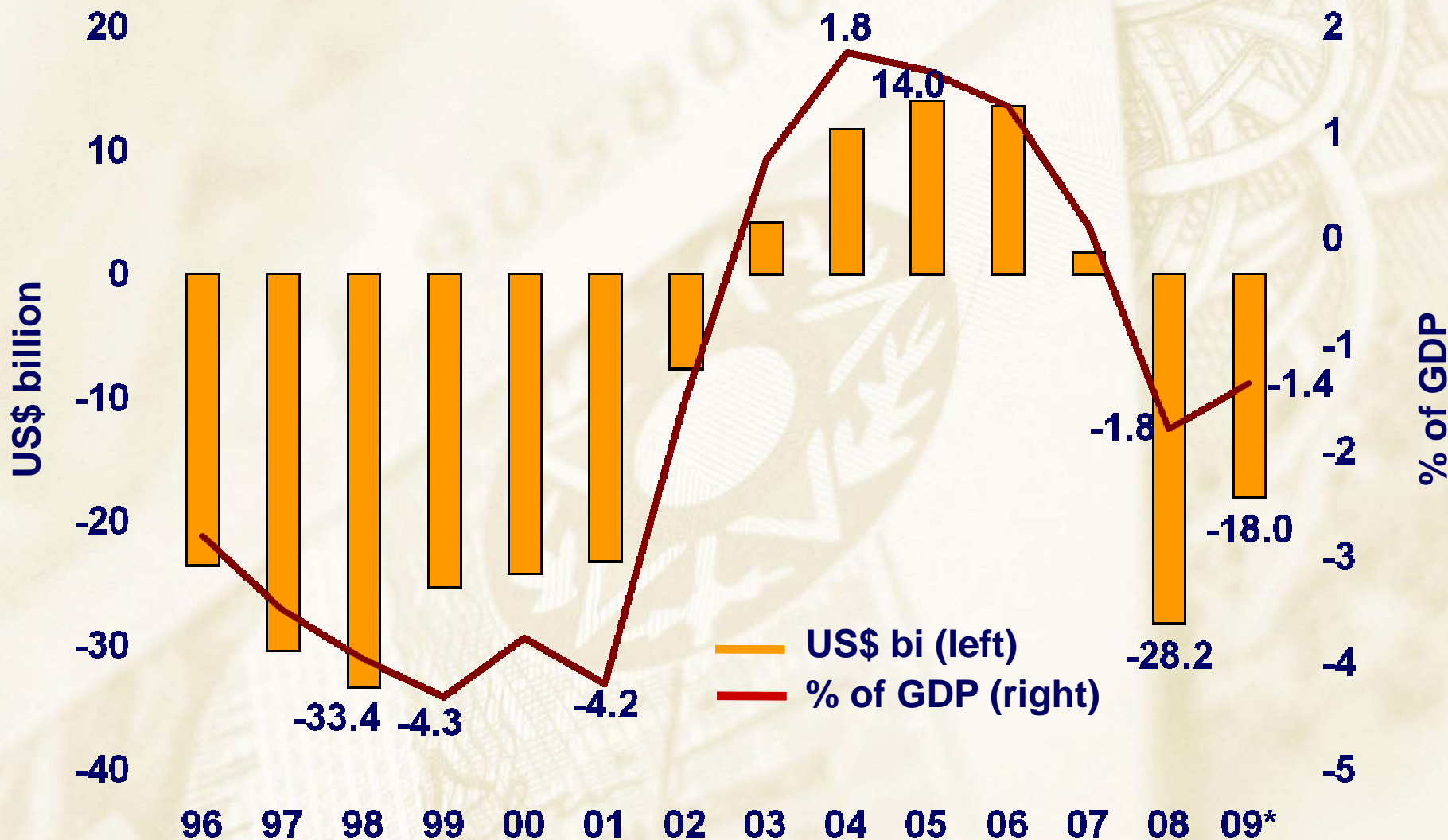


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## III. External Sector

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# Current Account

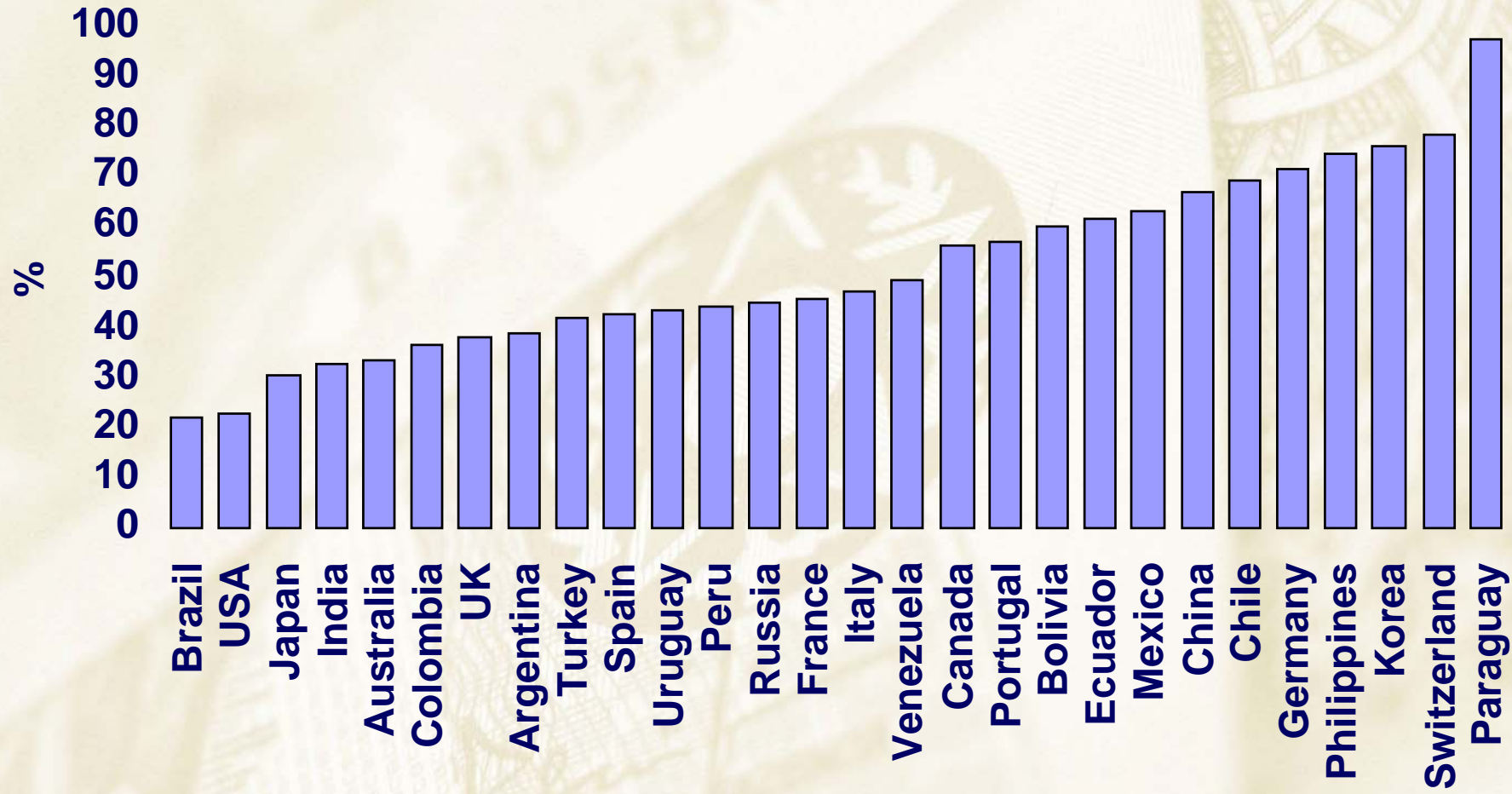


# Trade Balance



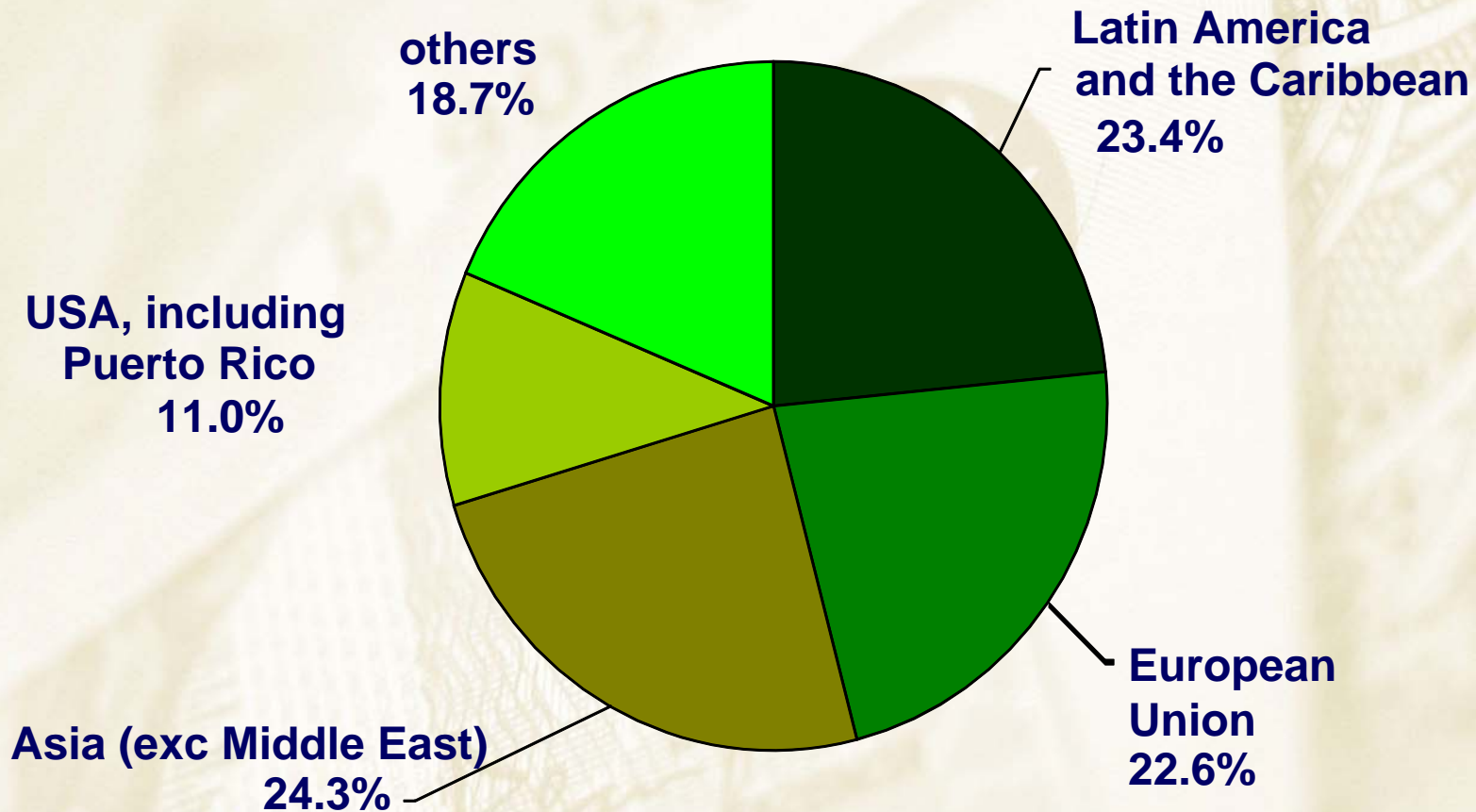
# Brazil: a (very) Closed Economy

(exports of goods+imports of goods)/GDP - 2007



# Brazil: ...with Fairly Diversified Trading Relations

12-month cumulative exports through September

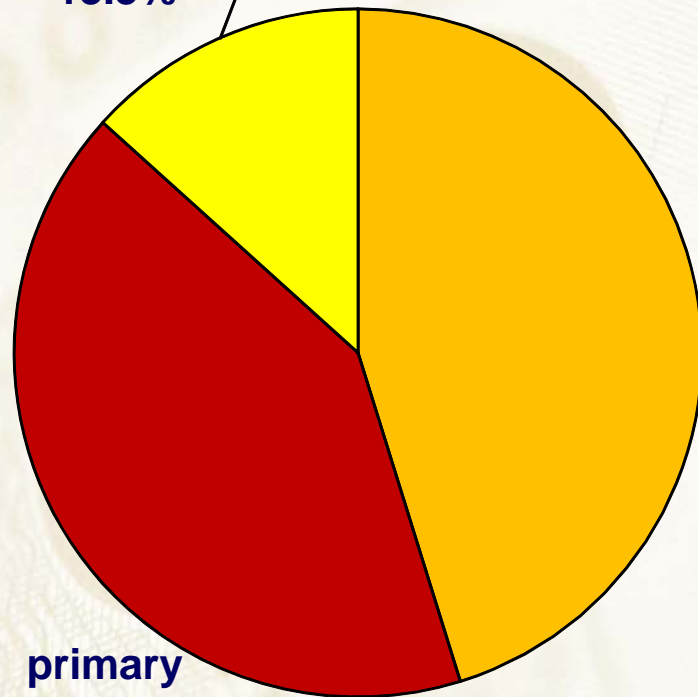


# Brazil: Export Import Composition

12-month cumulative exports through September

semimanufactured products

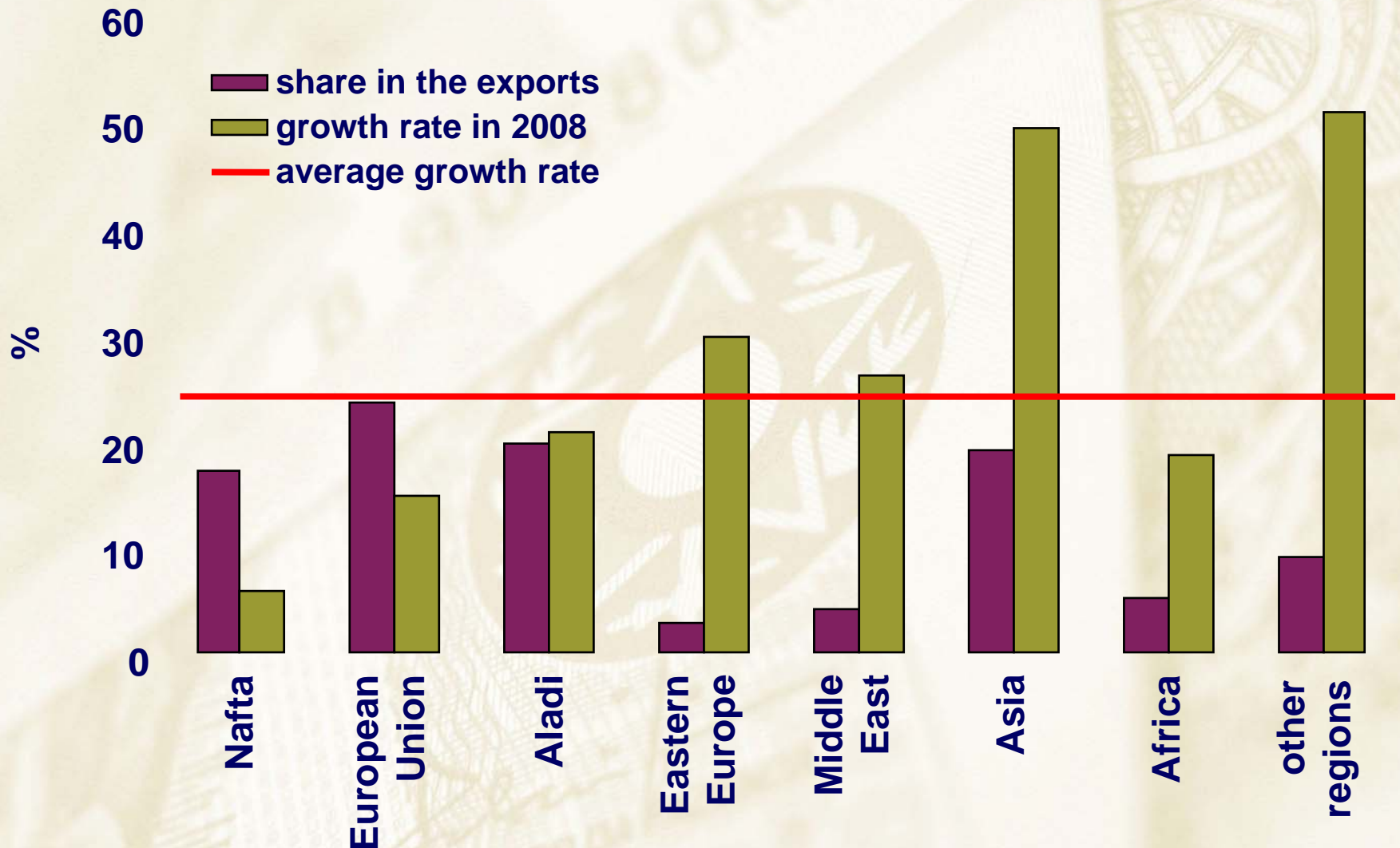
13.3%



manufactured  
products  
45.2%

primary  
products  
41.5%

# Brazilian Exports in 2008 – Main Destinations



# Brazilian Exports: Main Products in 2008

Products	2008		2007		Growth	
	US\$ Million	% of Total	US\$ Million	% of Total	US\$ Million	%
<b>Primary Products</b>	<b>73,028</b>	<b>36.89%</b>	<b>51,596</b>	<b>32.12%</b>	<b>21,432</b>	<b>41.54%</b>
Iron ore	16,539	8.36%	10,558	6.57%	5,981	56.65%
Raw oil	13,556	6.85%	8,905	5.54%	4,651	52.22%
Soy	10,952	5.53%	6,709	4.18%	4,243	63.24%
Meat (chicken)	5,822	2.94%	4,217	2.63%	1,605	38.04%
Soy byproducts	4,364	2.20%	2,957	1.84%	1,407	47.57%
Coffee	4,131	2.09%	3,378	2.10%	753	22.30%
Meat (Beef)	4,006	2.02%	3,486	2.17%	520	14.93%
Tobacco	2,683	1.36%	2,194	1.37%	489	22.29%
<b>Semi-manufactured products</b>	<b>27,073</b>	<b>13.68%</b>	<b>21,800</b>	<b>13.57%</b>	<b>5,273</b>	<b>24.19%</b>
Iron or steel products	4,002	2.02%	2,340	1.46%	1,662	71.04%
Wood chemical moisture	3,901	1.97%	3,012	1.87%	889	29.52%
Raw sugar cane	3,650	1.84%	3,130	1.95%	520	16.61%
Gross melted iron and "Spiegel" iron	3,145	1.59%	1,867	1.16%	1,278	68.48%
Iron alloys	2,307	1.17%	1,465	0.91%	842	57.49%
Soy oil (crude)	1,985	1.00%	1,222	0.76%	763	62.43%
Leather and skins	1,867	0.94%	2,185	1.36%	-318	-14.55%
<b>Manufactured</b>	<b>92,682</b>	<b>46.82%</b>	<b>83,943</b>	<b>52.25%</b>	<b>8,739</b>	<b>10.41%</b>
Planes	5,495	2.78%	4,719	2.94%	776	16.45%
Cars	4,916	2.48%	4,653	2.90%	262	5.64%
Parts and components for vehicles and tractors	3,510	1.77%	3,186	1.98%	324	10.16%
Fuel oil	2,964	1.50%	2,292	1.43%	672	29.32%
Transmitter or receiver devices and components	2,550	1.29%	2,353	1.46%	197	8.36%
Ethanol	2,390	1.21%	1,478	0.92%	912	61.75%
Heavy vehicles	2,176	1.10%	2,054	1.28%	122	5.92%
Energy generators and components	2,167	1.09%	1,707	1.06%	459	26.92%
Tractors	1,956	0.99%	1,575	0.98%	382	24.23%
Laminates (iron or steel)	1,921	0.97%	2,532	1.58%	-611	-24.14%
Shoes, parts and components	1,881	0.95%	1,912	1.19%	-30	-1.59%
Refined sugar	1,833	0.93%	1,971	1.23%	-137	-6.96%
Tractors, bulldozers and other vehicles	1,738	0.88%	1,508	0.94%	229	15.20%
Motor parts for vehicles	1,660	0.84%	1,615	1.01%	45	2.79%
Pumps, compressors, fans and parts	1,654	0.84%	1,568	0.98%	86	5.48%
Gasoline	1,653	0.84%	1,838	1.14%	-184	-10.03%
Oxides and hidroxides of aluminum	1,547	0.78%	1,294	0.81%	252	19.50%
<b>Others (Including Adjustments)</b>	<b>5,159</b>	<b>2.61%</b>	<b>3,310</b>	<b>2.06%</b>	<b>1,849</b>	<b>55.86%</b>
<b>Total</b>	<b>197,942</b>	<b>100.00%</b>	<b>160,649</b>	<b>100.00%</b>	<b>37,293</b>	<b>23.21%</b>

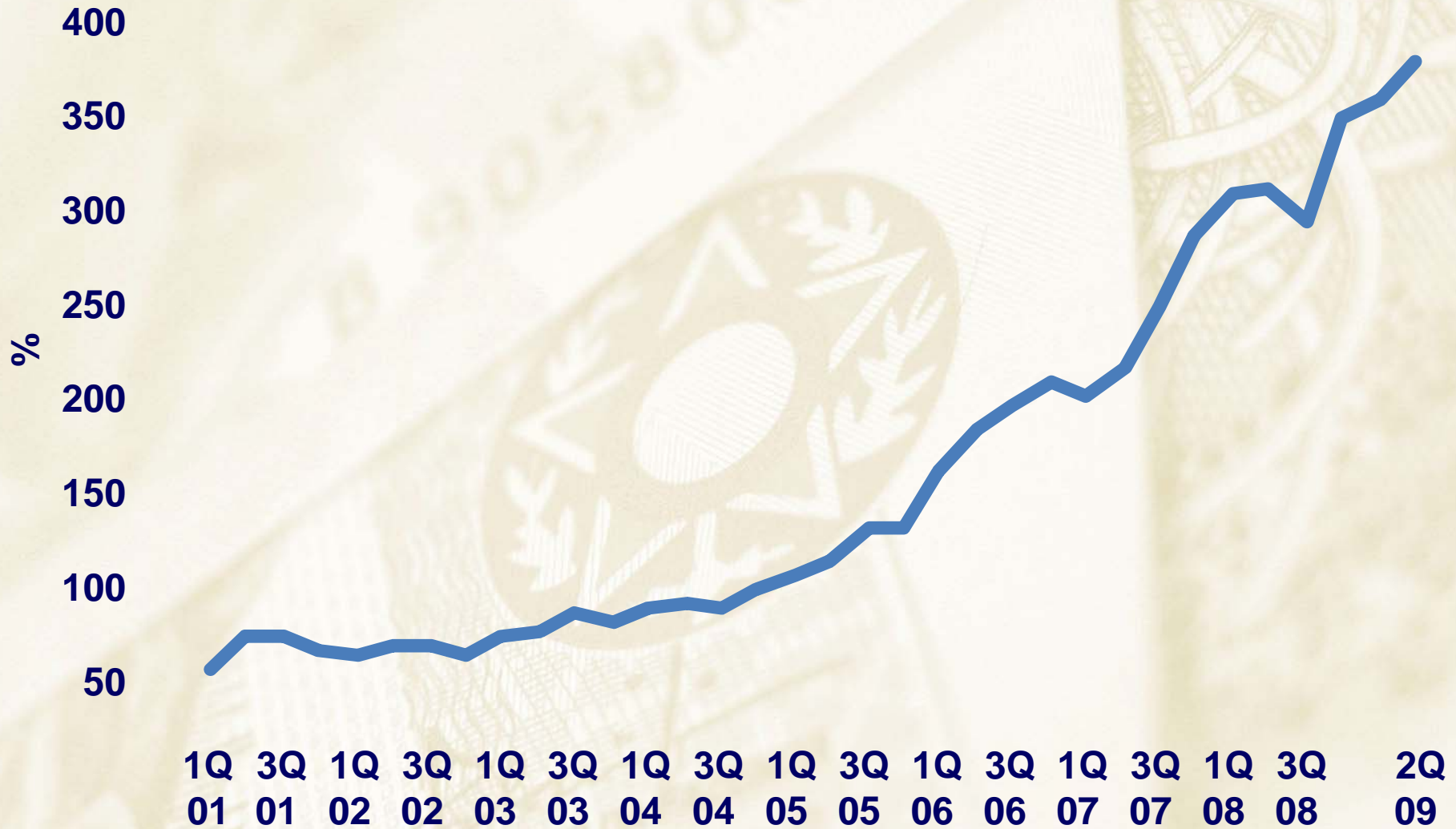
# Brazilian Imports: Main Products in 2008

Products	2008		2007		Growth	
	US\$ Million	% of Total	US\$ Million	% of Total	US\$ Million	%
<b>Primary Products</b>	<b>31,831</b>	<b>18.38%</b>	<b>21,774</b>	<b>18.05%</b>	<b>10,057</b>	<b>46.19%</b>
Oil	16,391	9.46%	11,989	9.94%	4,402	36.72%
Black coal	2,782	1.61%	1,526	1.26%	1,257	82.37%
Natural gas	2,715	1.57%	1,497	1.24%	1,218	81.38%
Wheat	1,874	1.08%	1,392	1.15%	482	34.60%
<b>Semi-manufactured products</b>	<b>8,888</b>	<b>5.13%</b>	<b>5,660</b>	<b>4.69%</b>	<b>3,229</b>	<b>57.05%</b>
Potassium chloride	3,828	2.21%	1,500	1.24%	2,328	155.20%
Copper cathodes	1,931	1.11%	1,619	1.34%	312	19.27%
<b>Manufactured Products</b>	<b>132,478</b>	<b>76.49%</b>	<b>93,184</b>	<b>77.26%</b>	<b>39,293</b>	<b>42.17%</b>
Cars	5,343	3.08%	3,121	2.59%	2,221	71.17%
Fuel oil	5,235	3.02%	3,062	2.54%	2,173	70.97%
Parts and components for vehicles and tractors	4,982	2.88%	3,573	2.96%	1,409	39.44%
Medicines	3,917	2.26%	3,196	2.65%	721	22.57%
Integrated circuits and microchips	3,536	2.04%	3,042	2.52%	495	16.27%
Heterocyclic compounds	2,387	1.38%	1,873	1.55%	514	27.46%
Fertilizers	2,357	1.36%	1,249	1.04%	1,108	88.65%
Naftas	2,346	1.35%	1,954	1.62%	392	20.05%
Measurement devices	2,289	1.32%	1,764	1.46%	524	29.71%
Integrated circuits and microchips	3,536	2.04%	3,042	2.52%	495	16.27%
Turbojets, plane engines and parts	2,235	1.29%	1,656	1.37%	580	35.00%
Transmitter or receiver devices and components	2,085	1.20%	1,274	1.06%	811	63.68%
Ball bearings and parts	2,079	1.20%	1,560	1.29%	519	33.28%
Parts for data processing machines	2,025	1.17%	1,559	1.29%	466	29.86%
Laminates	1,979	1.14%	996	0.83%	983	98.74%
Automatic machines for data processing	1,857	1.07%	1,575	1.31%	282	17.91%
Energy generators and components	1,671	0.97%	1,198	0.99%	474	39.55%
Pumps, compressors, fans and parts	1,661	0.96%	1,195	0.99%	466	39.01%
Parts and pieces for planes	1,605	0.93%	1,318	1.09%	287	21.80%
LCD devices	1,585	0.92%	1,132	0.94%	453	40.00%
<b>Total</b>	<b>173,197</b>	<b>100.00%</b>	<b>120,617</b>	<b>100.00%</b>	<b>52,579</b>	<b>43.59%</b>

# International Reserves (ex-IMF Loans)



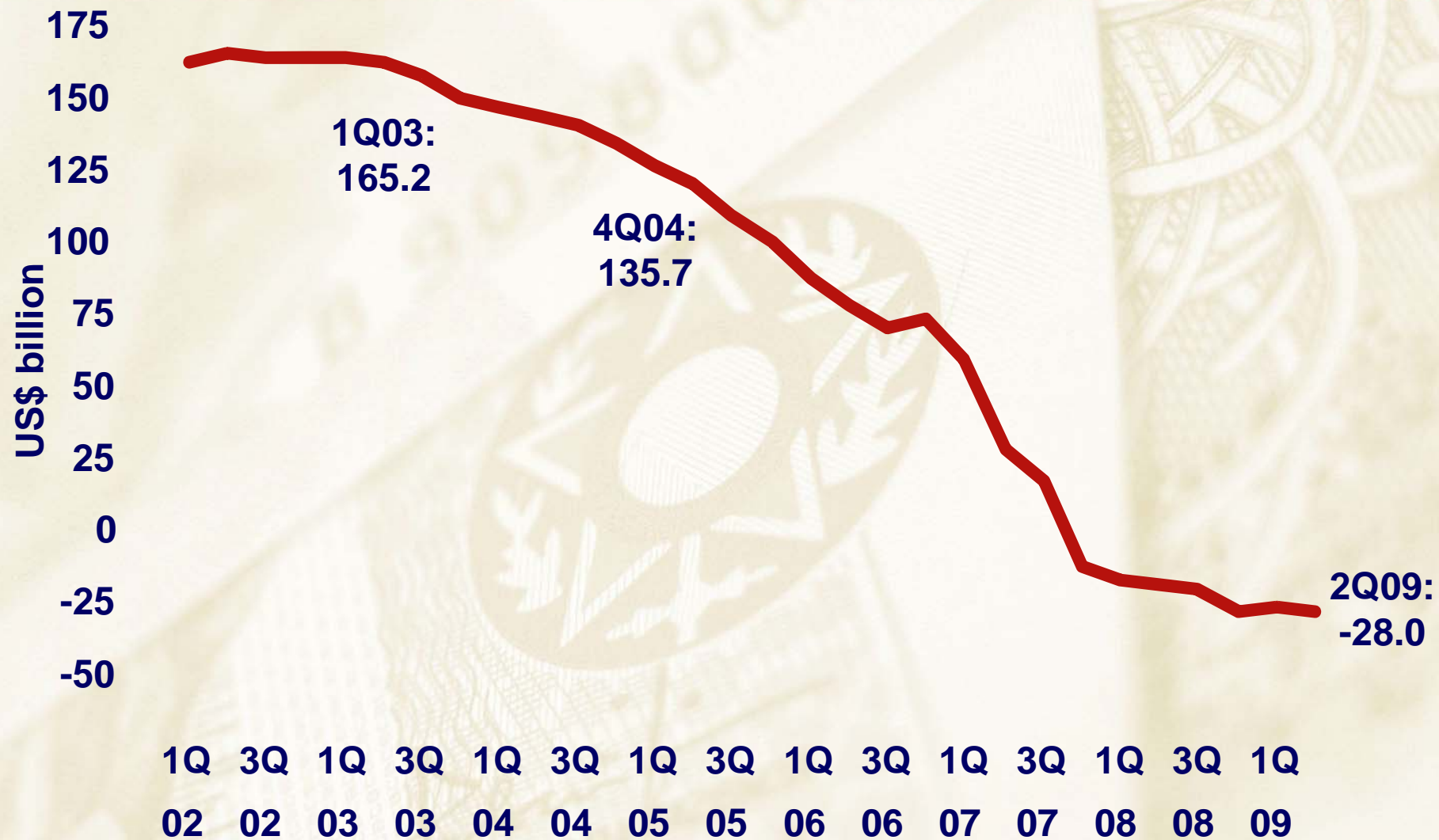
# Reserves/Short-Term Debt



# Net Foreign Direct Investment

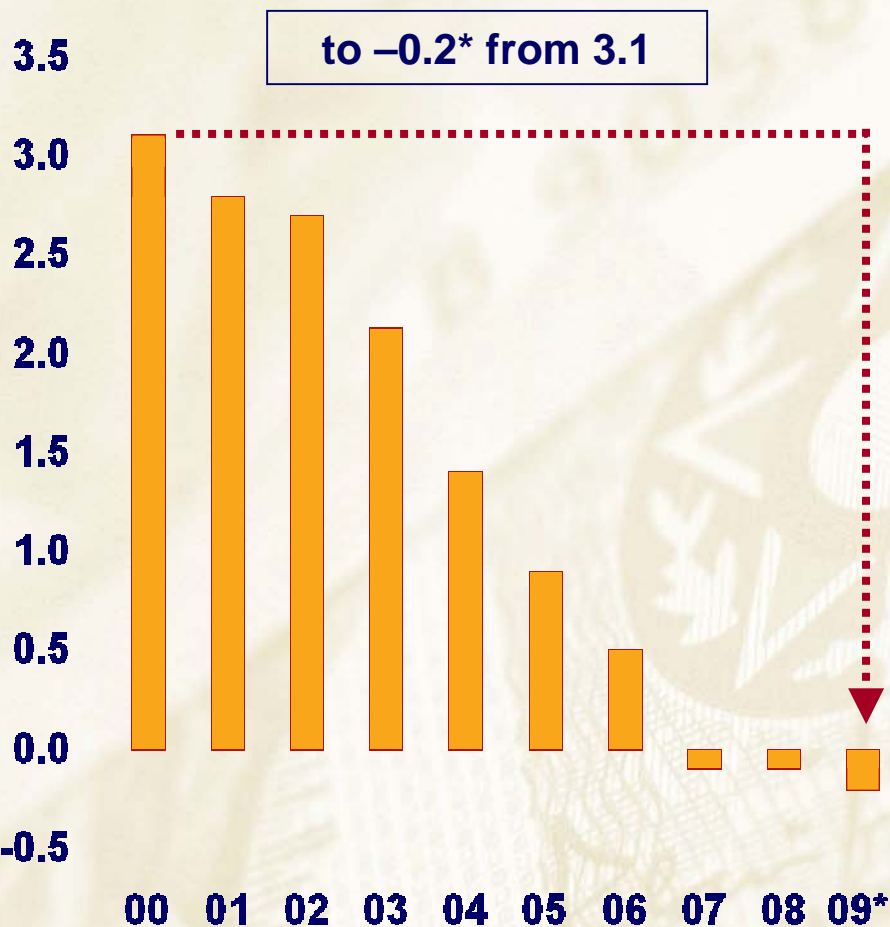


# Net External Debt

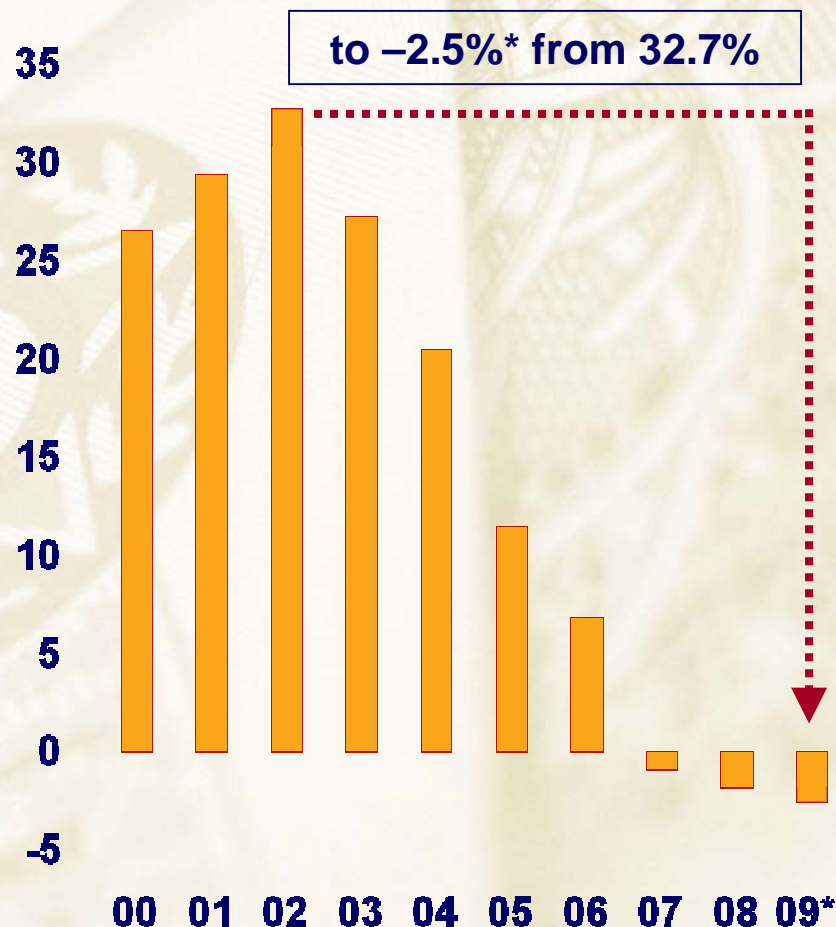


# External Sustainability Indicators

## net external debt/exports



## net external debt/GDP

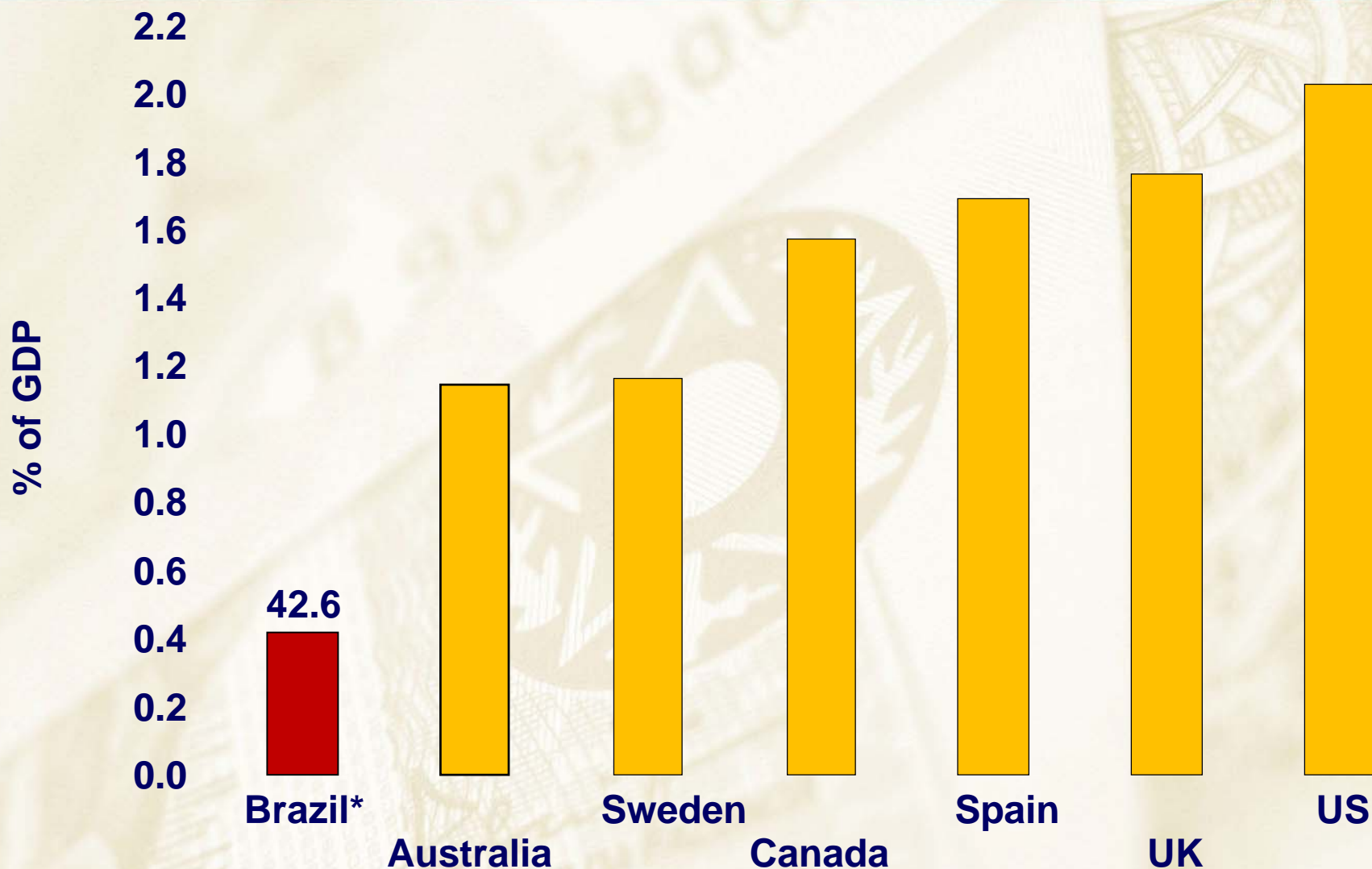


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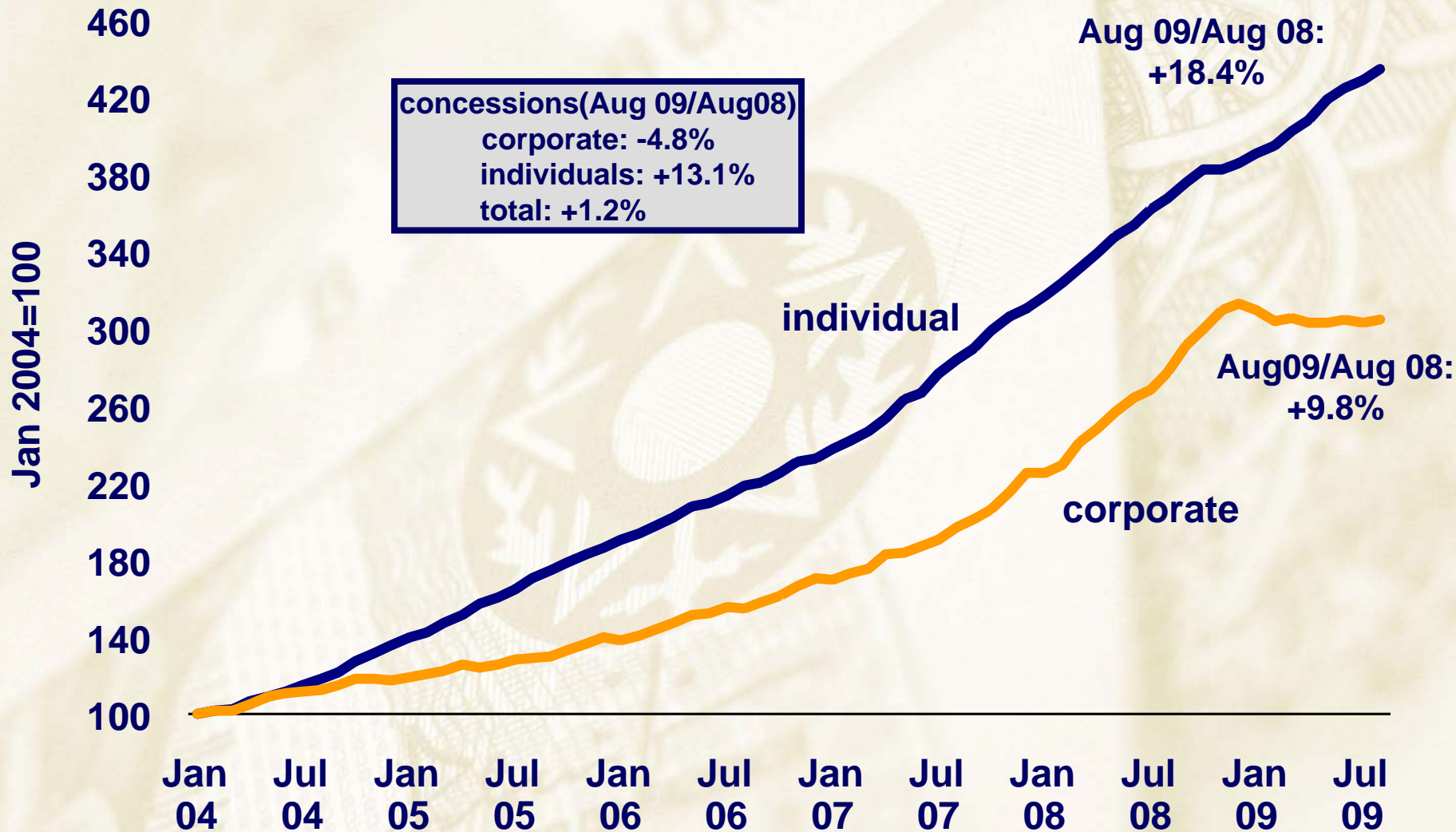
## **IV. Credit and Banking Sector**

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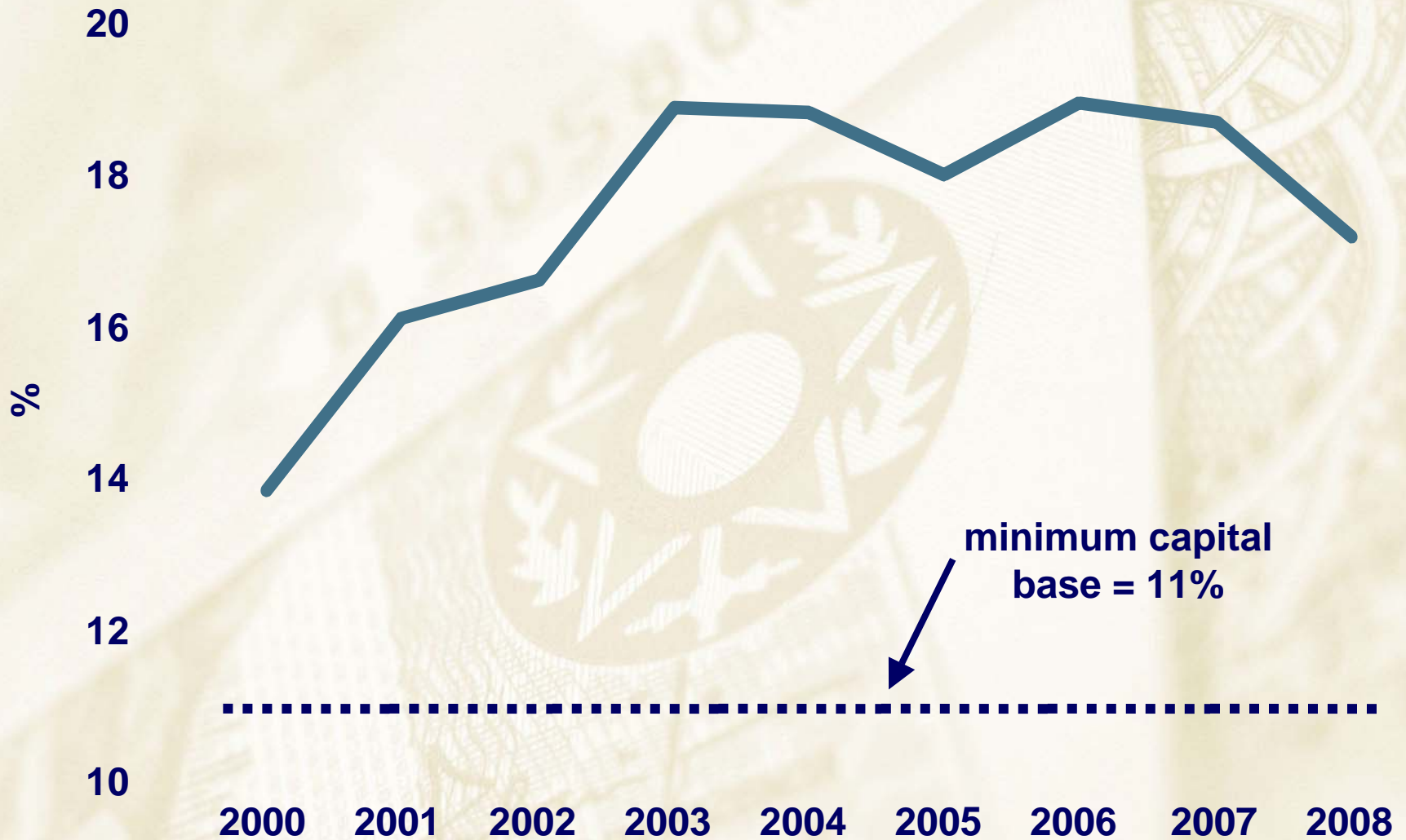
# Credit/GDP: Brazil vs. Mature Economies - 2007



# Credit Growth



# Banking System Capital Adequacy Ratio



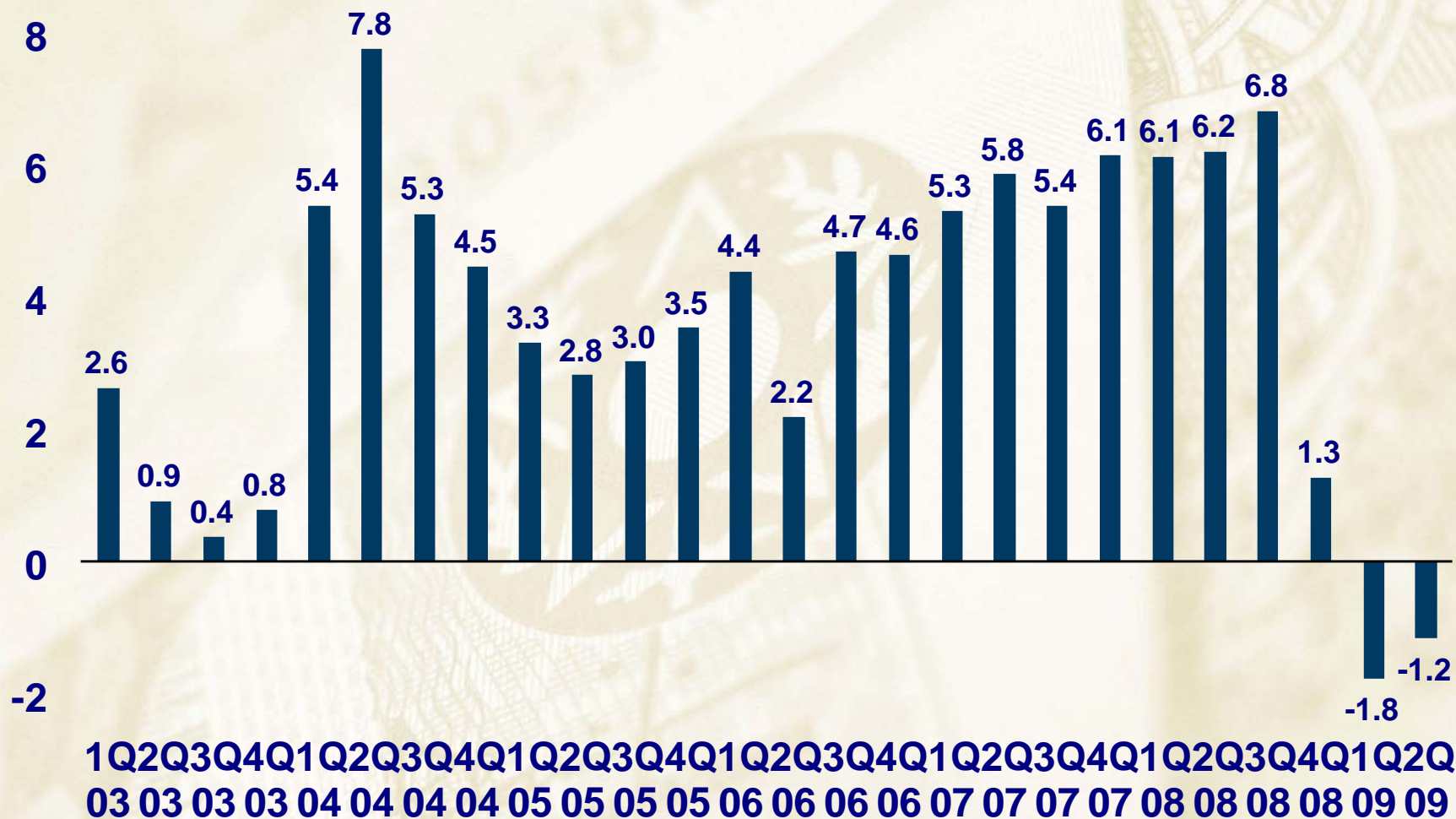
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## **V. Economic Activity**

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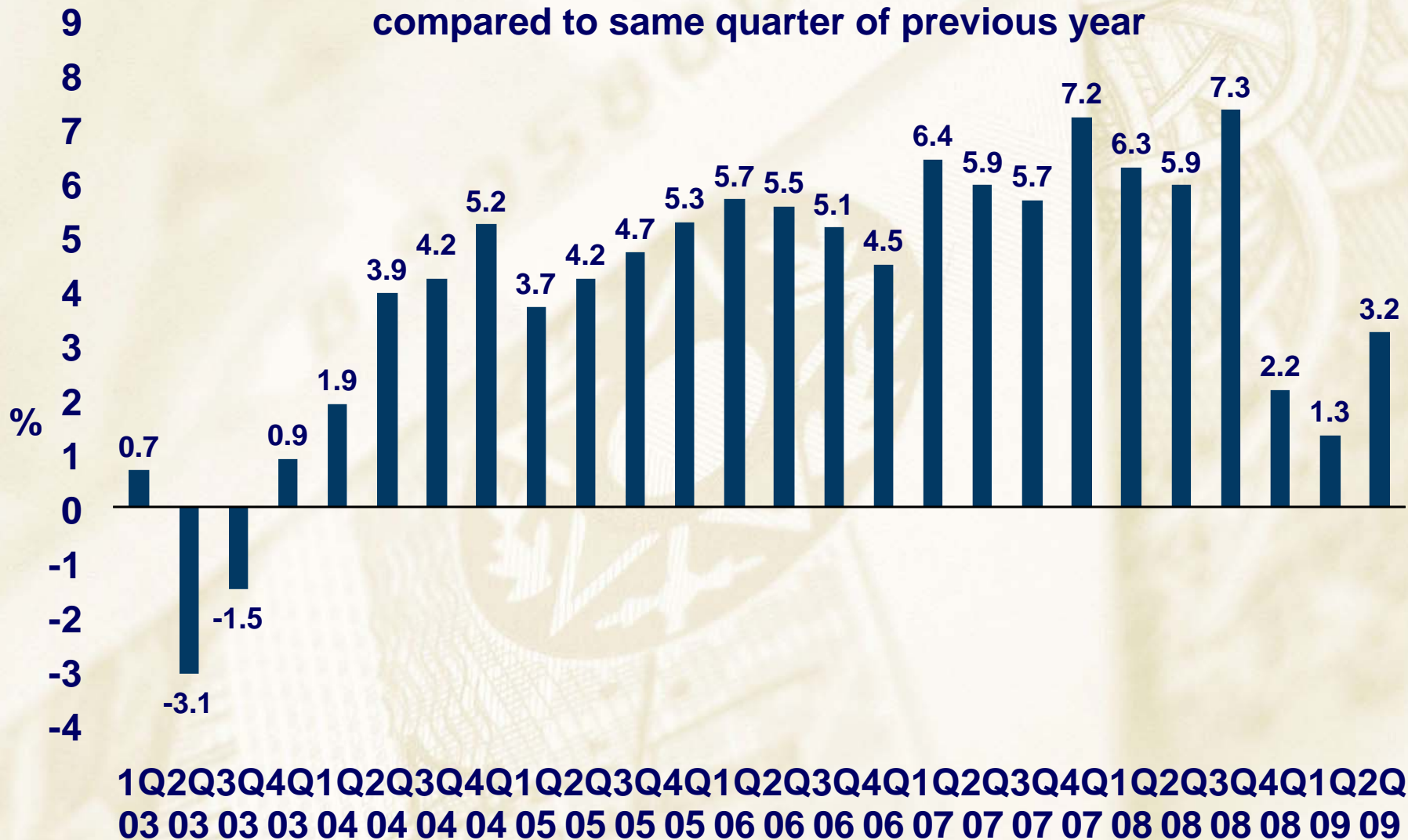
# GDP Growth

compared to same quarter of previous year



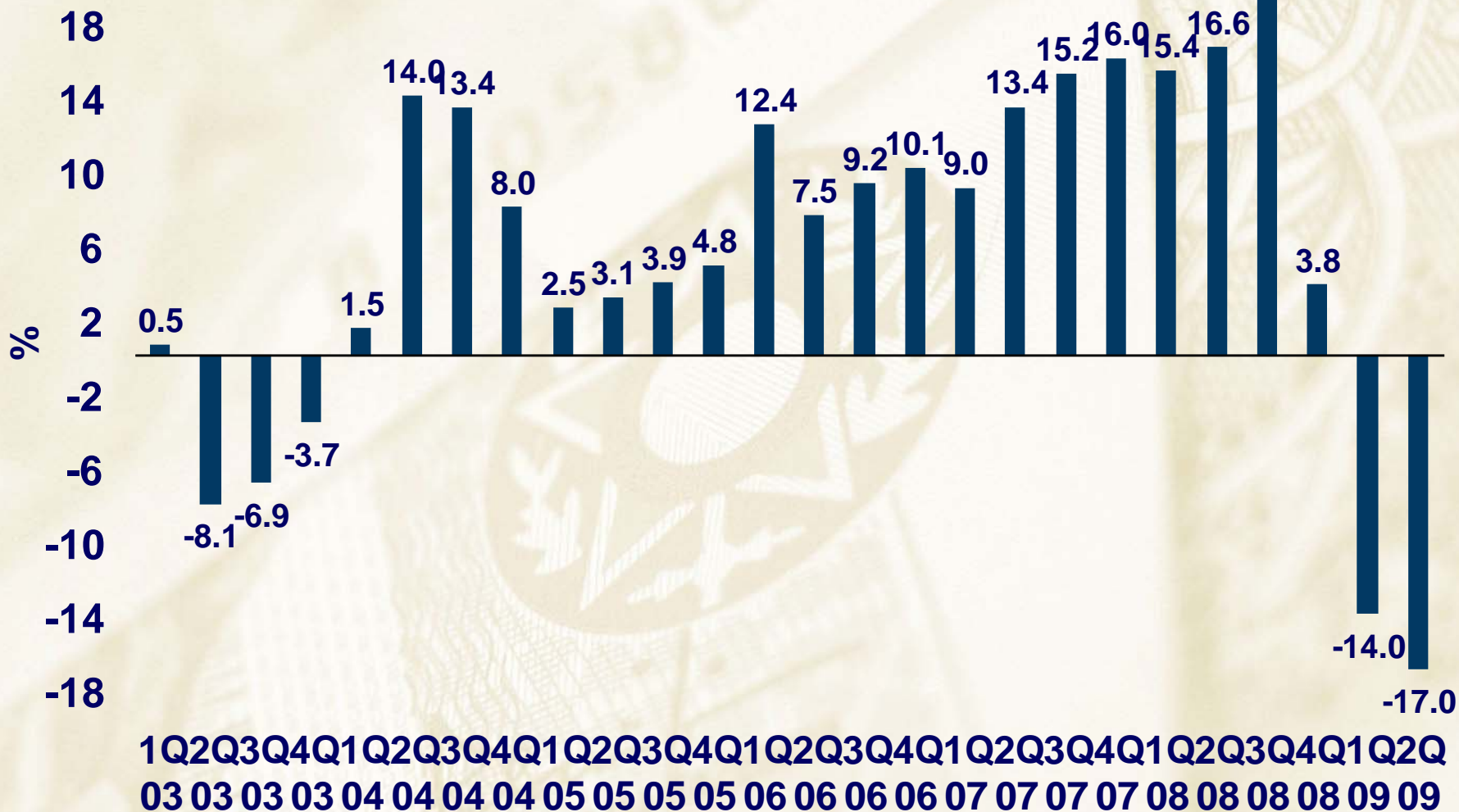
# Household Consumption

compared to same quarter of previous year



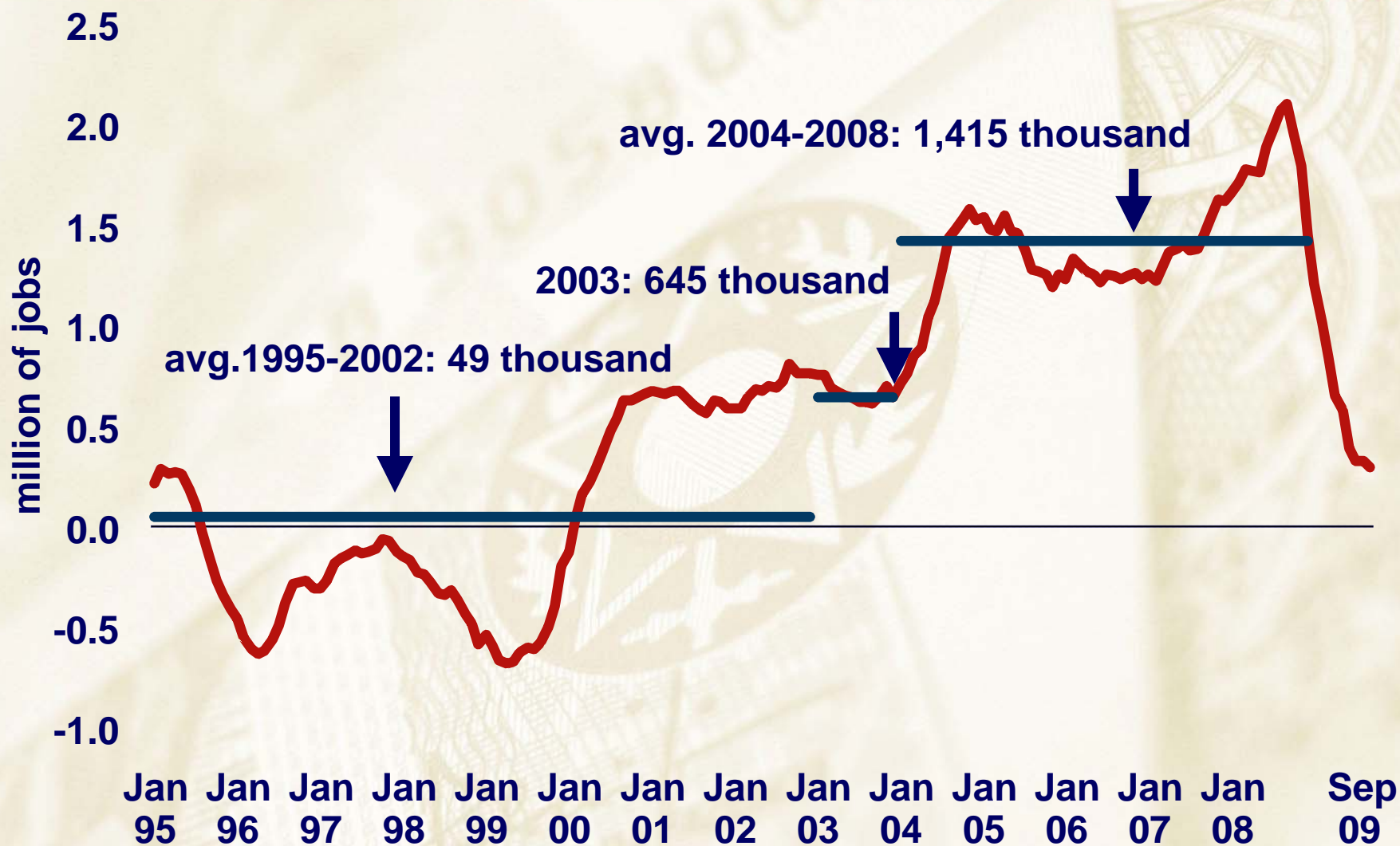
# Fixed Capital Investment

compared to same quarter of previous year 19.7





# Formal Employment

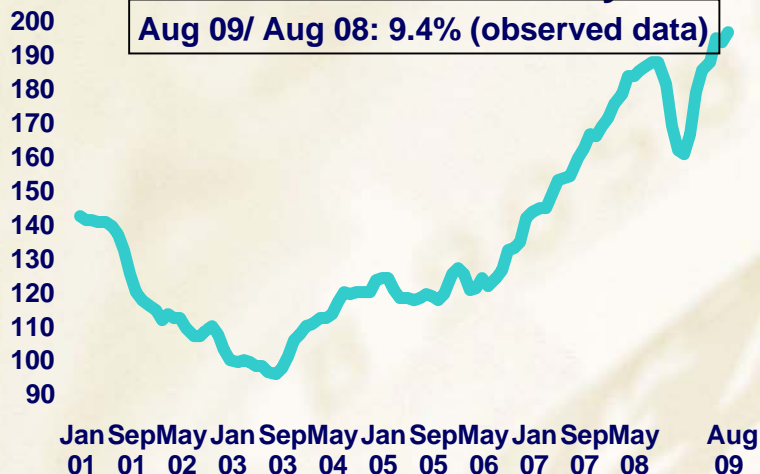


# Retail Sales by Sector

3-month moving average, s.a., 2003=100

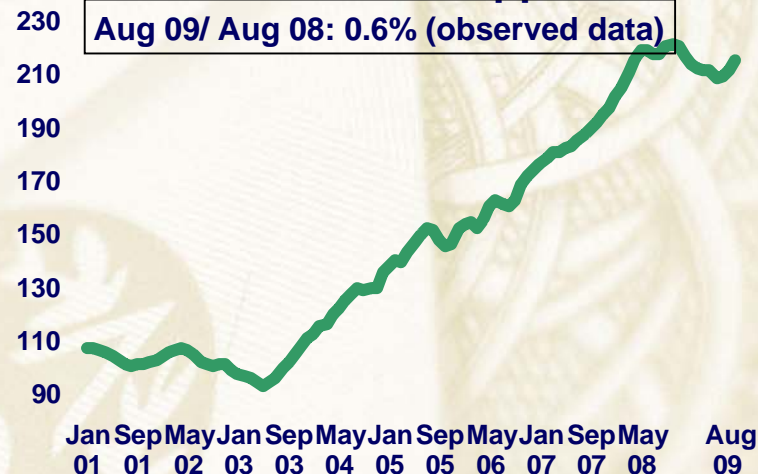
## vehicles and motorcycles

Aug 09/ Aug 08: 9.4% (observed data)



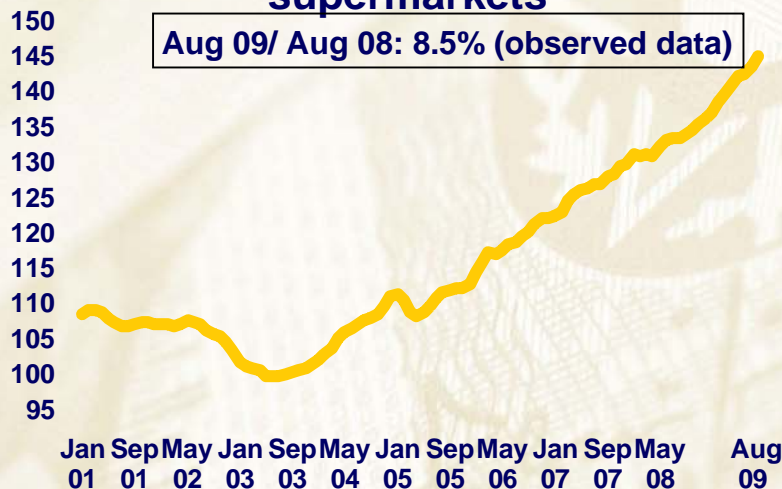
## furniture and appliances

Aug 09/ Aug 08: 0.6% (observed data)



## supermarkets

Aug 09/ Aug 08: 8.5% (observed data)

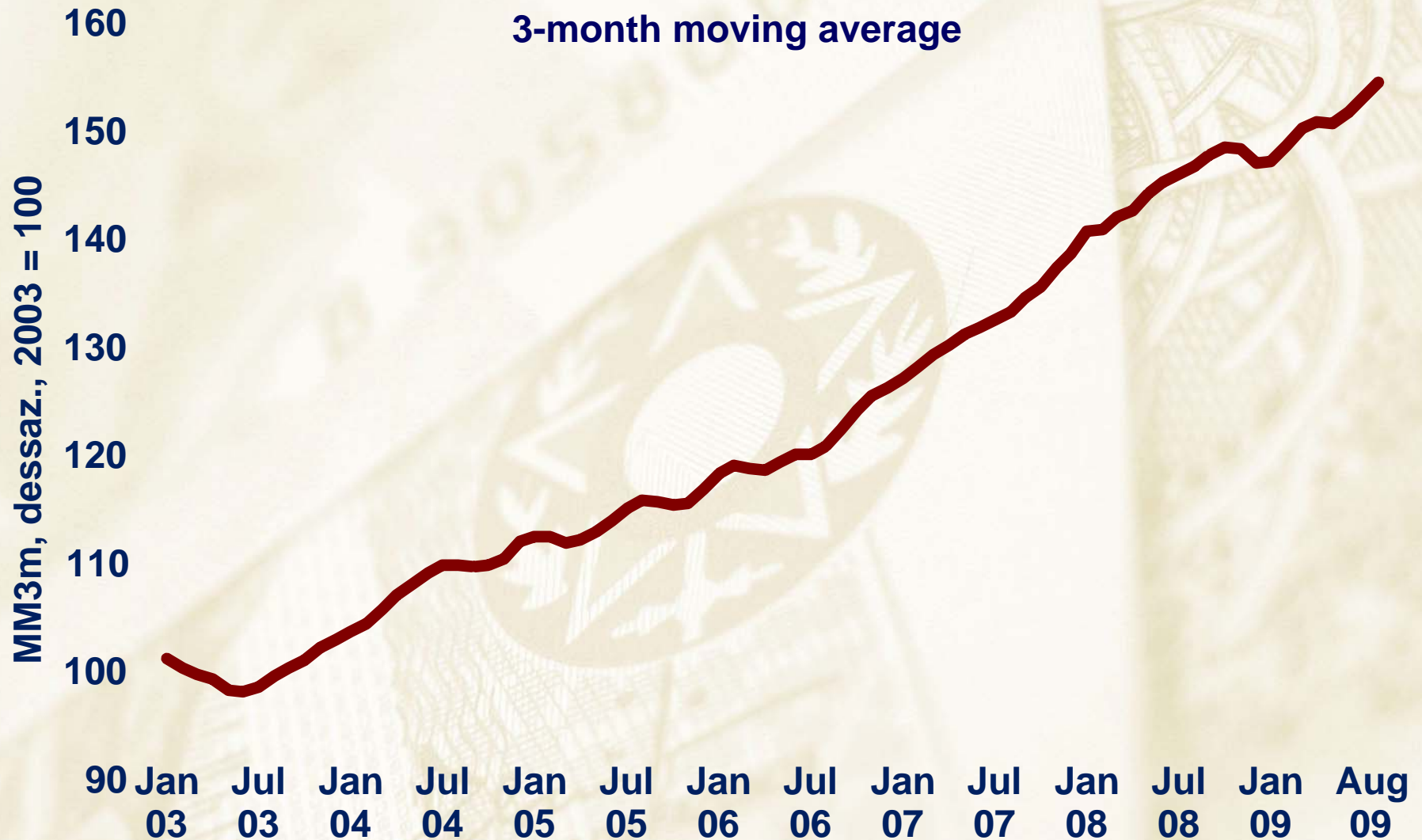


## fabric, clothing and shoes

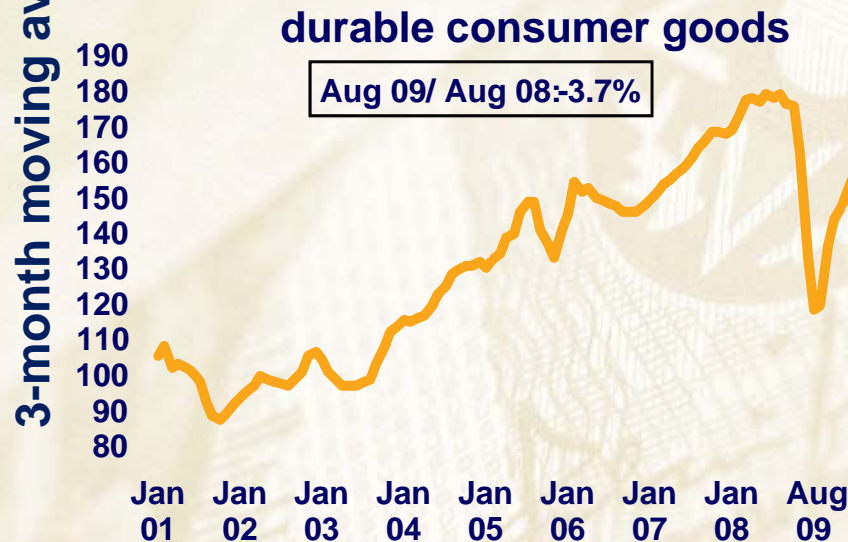
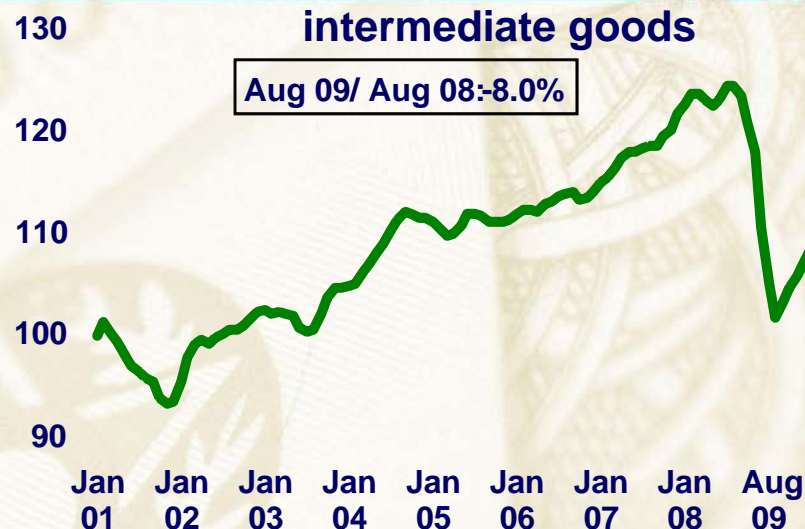
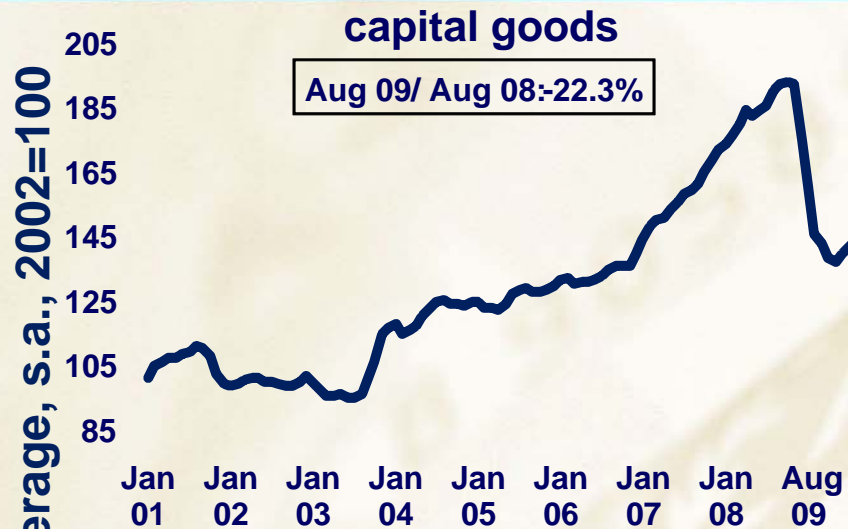
Aug 09/ Aug 08: -5.8% (observed data)



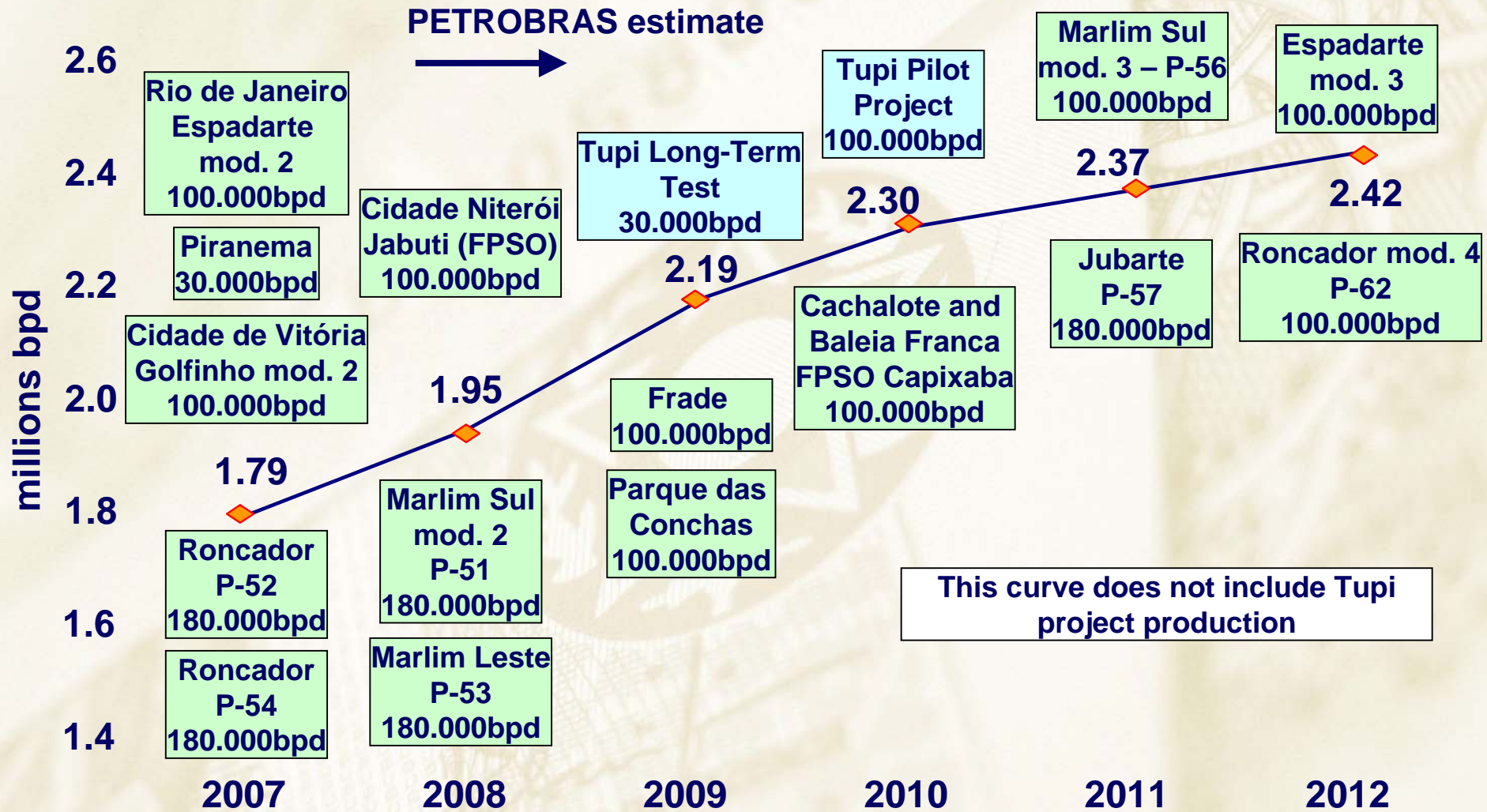
# Retail Sales



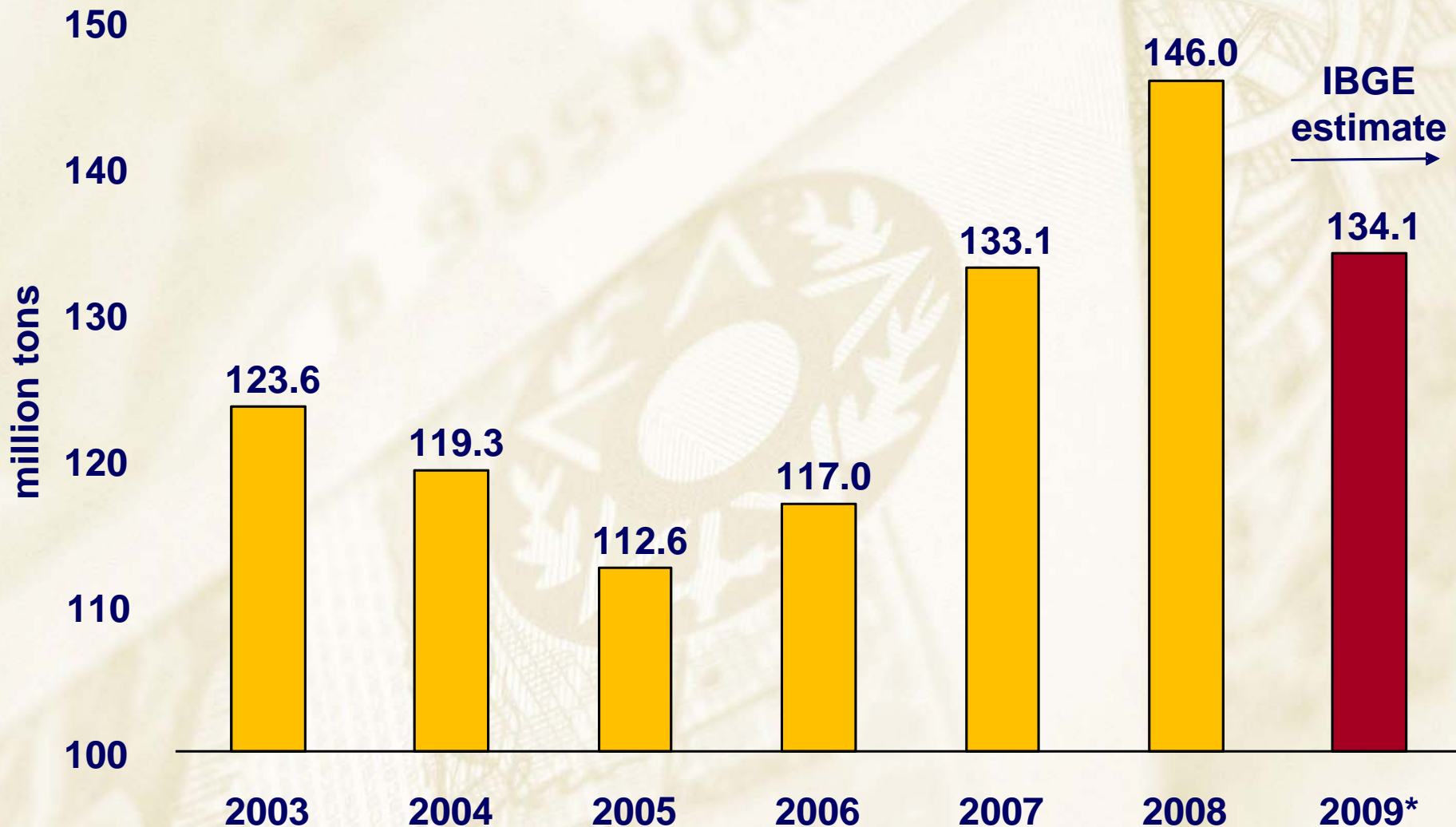
# Industrial Production by Sector



# Oil Production

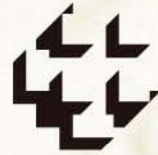


# Crops Harvest



# Crop Estimates

	Tons		% Change
	2008 Crop	2009 Crop*	
Sugar-cane	653,181,799	657,395,419	0.6
Soybean	59,920,262	57,776,642	-3.6
Corn	58,740,765	50,832,197	-13.5
Manioc	26,567,653	26,949,427	1.4
Orange	18,675,805	18,482,427	-1.0
Rice	12,114,486	12,384,061	2.2
Wheat	6,030,600	5,096,708	-15.5
Cotton	3,995,095	3,322,055	-16.8
Potato	3,671,116	3,331,376	-9.3
Beans	3,407,906	3,653,894	7.2
Coffee	2,809,379	2,363,933	-15.9



**BANCO CENTRAL DO BRASIL**

# **Brazil's Economic Chart Pack**