



### Debt Portfolio Management Quarterly Review

JUNE 2009

The Ministry of Finance submits the eighteenth *Debt Portfolio Management Quarterly Review* to present the underlying debt portfolio risk management measures and performance with respect to the planned annual financing programme and achieving the medium-term strategic targets of debt management policy. For the year 2009, these targets were quantified by the *Financing and Debt Management Strategy for 2009* released on 3 December 2008 and based on the Finance Minister's decision. The Strategy specifies operating space of the asset and liability management through issuance activity, financial investment and active operations of MoF on secondary market of government bonds and financial derivatives.

#### I. Review of Strategic Targets for 2009

The 2009 state debt management policy is guided by the set of quantitative targets and criteria approved by the Minister of Finance for issuance activities and the active management of debt portfolio as summarized in the following table.

The initially declared financial programme targets were broken due to financial crisis and higher government requirements than initially supposed.

##### Financing programme and strategic targets in 2009

Criterion	Guidelines for 2009	June 30, 2009
International issues	Max. 50% of the total annual gross borrowing requirement	53.2%
	CZK 0.0 to 74.2 bn	CZK 39.5 bn
Gross government bonds issues	CZK 40.0 to 125.0 bn	CZK 144.9 bn
Net money market issues	CZK 0.0 to 5.0 bn	CZK 1.1 bn
Loans from EIB	CZK 15.8 bn	CZK 4.7 bn
Short-term state debt	20% and less	13.4%
Average time to maturity	5.5 to 7.0 years	6.6 years
Interest Rate Re-fixing	30 to 40%	26.8%

Note: EIB – European Investment Bank. Source: MF CR.

As regards **international funding**, on April 29<sup>th</sup> the Czech Republic has issued the third public benchmark Eurobond in the amount of **EUR 1.5 bn.**, i.e. **CZK 39.5 billion**, which is approximately half of maximal international issuance activity according to initially declared financial programme for year 2009. Further, the Czech Republic has drawn four tranches of loans from the European Investment Bank in the amount of **CZK 4.0 billion** during the second quarter. During the first half of 2009, loans were drawn in total amount of CZK 4.7 billion, which represents 29.7% of the limit in the State Budget Act for 2009

Regarding **domestic issuance activity**, the net issue of government bonds was **CZK 76.9 billion** during second quarter (CZK 94.5 bn. during first half) and buy-backs of government bonds were executed in the total amount of CZK 2.0 billion. The total gross issuance of government bonds reached **CZK 78.9 billion**, including tap sales in the amount of CZK 11.1 billion via Reuters Dealing system used by the Debt and Financial Assets Management Department in the second quarter. The total annual gross issuance reached CZK 144.9 billion, which is about 115.9 % of the maximal supply initially announced on 3 December 2009.

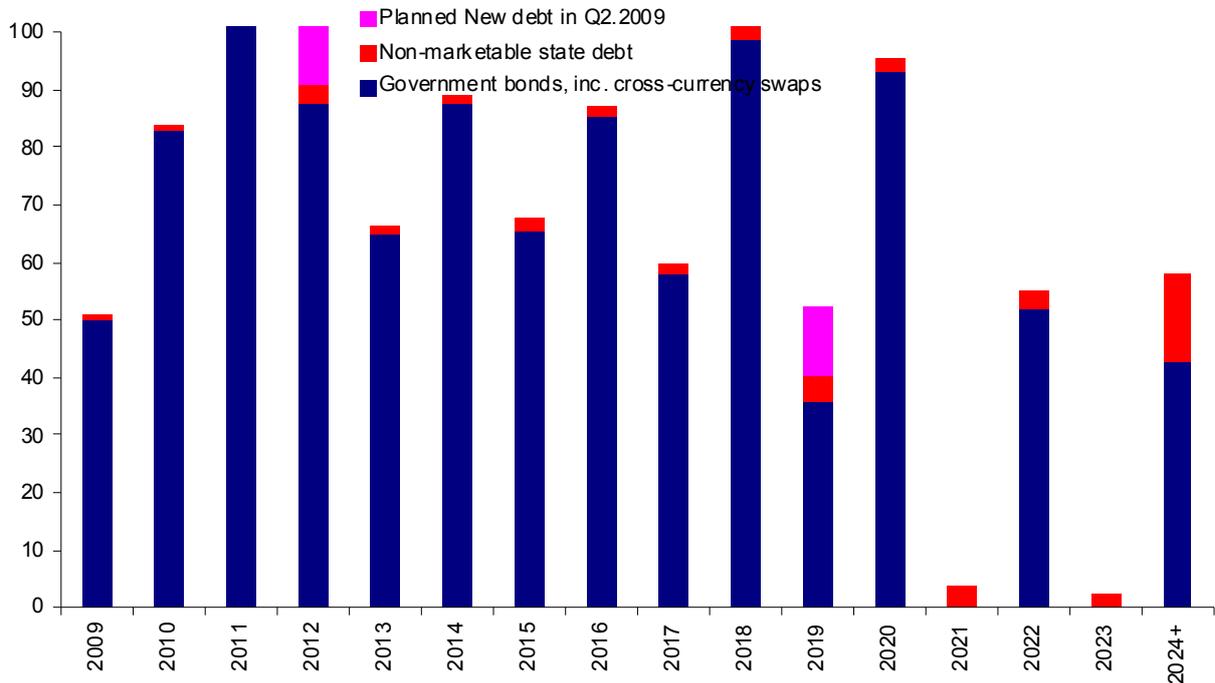
**The volume in issue of money market instruments** increased by **CZK 18.9 billion** during second quarter (CZK 1.1 bn. during first half).

**The short-term state debt** increased by 2.2 percentage points and reached the share of **13.4%** at the end of the second quarter 2009. It means that the Ministry of Finance maintains the planned long-term target.

**Average time to maturity** reached the level of **6.6 years**, i.e. within the announced target band 5.5–7.0 years for 2009.

**Redemption profile of state debt (CZK billion)**

(end of Q2. 2009; updated on 30 June 2009)

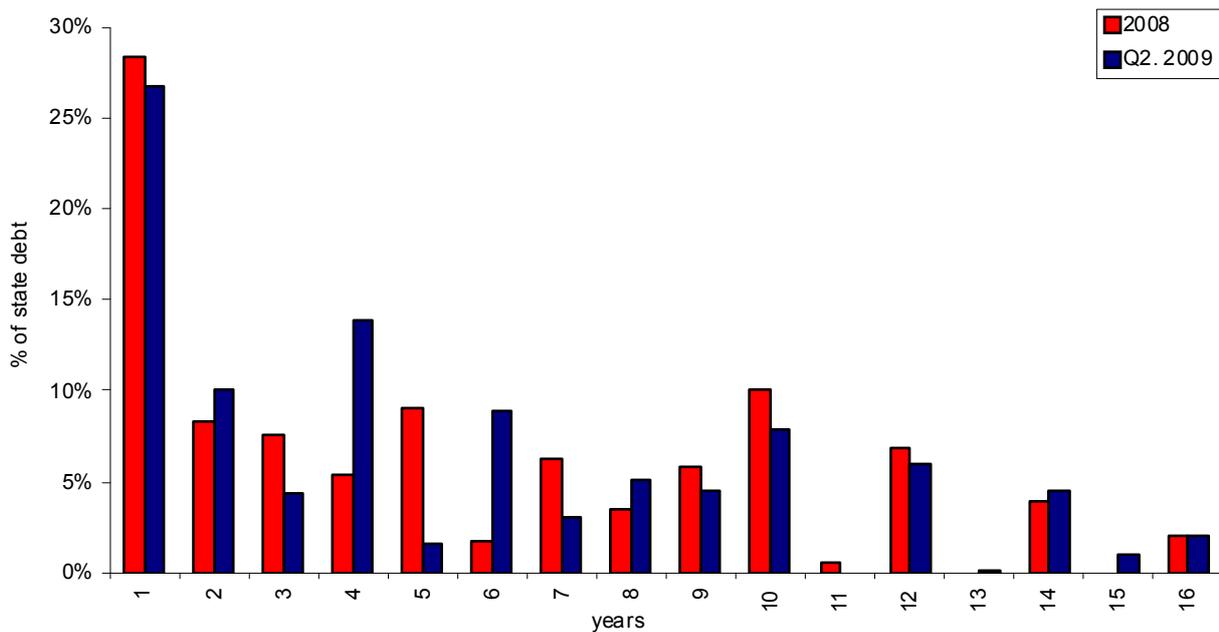


Note: Excluding money market instruments  
Source: MF CR.

Beginning with the year 2006, **the interest rate re-fixing** up to one year replaces the modified duration targeting in the area of market risk management. The *Financing and Debt Management Strategy for 2009* sets the average yearly range between 30 and 40%. This risk measure increased to 26.8% at the end of the second quarter 2009 and stays below the lower limit.

**Re-fixing profil of state debt**

(end of Q2. 2009 compared with end of 2008; updated on 30 June 2009)



Note: Including derivatives  
Source: MF CR.

## II. State debt costs and Cost-at-Risk in 2009

Planned and actual budgetary expenditures and revenues in the first half 2009 are captured in following table:

### Planned and actual budgetary expenditures and revenues on state debt in 2009

Measure (CZK mil)	Actual H1 2008	Budget 2009		Actual H1 2009	% Execution	Index 2009/2008 (%)
		<i>Approved</i>	<i>After changes</i>			
1	2	3	4	5	5:4	5:2
<b>Total balance</b>	<b>19 885</b>	<b>64 070</b>	<b>56 573</b>	<b>29 610</b>	<b>52,3</b>	<b>148,9</b>
	<b>(-) 3 370</b>	<b>(-) 6 676</b>	<b>(-) 6 676</b>	<b>(-) 3 830</b>	<b>57,4</b>	<b>113,7</b>
<b>1. Total interest costs</b>	<b>19 780</b>	<b>47 937</b>	<b>47 937</b>	<b>29 402</b>	<b>61,3</b>	<b>148,6</b>
	<b>(-) 3 338</b>	<b>(-) 6 666</b>	<b>(-) 6 666</b>	<b>(-) 3 718</b>	<b>55,8</b>	<b>111,4</b>
<b>Domestic debt</b>	<b>16 059</b>	<b>37 274</b>	<b>37 274</b>	<b>22 370</b>	<b>60,0</b>	<b>139,3</b>
	<b>(-) 3 030</b>	<b>(-) 5 916</b>	<b>(-) 5 916</b>	<b>(-) 3 143</b>	<b>53,1</b>	<b>103,7</b>
<i>Of which:</i>						
Money market instruments	911	2 262	2 262	1 154	51,0	126,6
	(-)1 398	(-)3 000	(-)3 000	(-) 907	30,2	64,9
Government bonds	15 147	35 013	35 013	21 217	60,6	140,1
	(-)1 632	(-)2 916	(-)2 916	(-) 2 235	76,7	137,0
<b>Foreign debt</b>	<b>3 721</b>	<b>10 662</b>	<b>10 662</b>	<b>7 032</b>	<b>65,9</b>	<b>189,0</b>
	<b>(-) 308</b>	<b>(-)750</b>	<b>(-)750</b>	<b>(-) 575</b>	<b>(-) 76,5</b>	<b>186,6</b>
<i>Of which:</i>						
International issues	2 977	8 173	8 173	6 186	75,7	207,8
	(-) 308	(-)750	(-)750	(-) 574	(-) 76,5	(-) 186,1
EIB loans	744	2 489	2 489	846	34,0	113,7
Short-term loans	-	-	-	(-) 2	-	-
<b>2. Total fees</b>	<b>94</b>	<b>300</b>	<b>293</b>	<b>199</b>	<b>68,0</b>	<b>212,1</b>
<b>3. Redemption</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>85,5</b>	<b>74,0</b>
<b>4. Transfers for project</b>	<b>-</b>	<b>15 823</b>	<b>8 333</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>5. FX gain (-)/loss (+)</b>	<b>(-32)</b>	<b>(-10)</b>	<b>(-10)</b>	<b>(-113)</b>	<b>1 125,3</b>	<b>357,2</b>

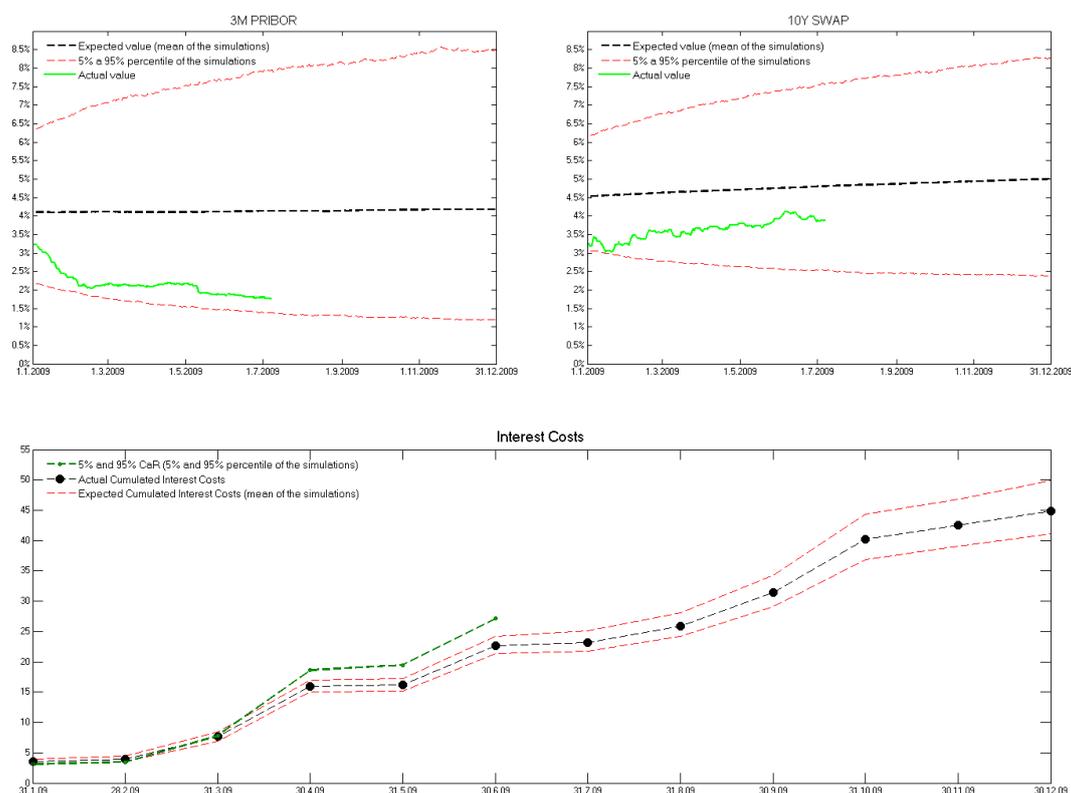
Note: (-) means revenues (gains).  
Source: MF CR.

The **net interest costs** on the state debt in the first half 2009 amounts **CZK 25.8 billion**. Accrued interest income and government bonds premiums achieve CZK 2.2 billion and financial investments on the money market gain CZK 0.9 billion. The gross interest costs reached CZK 29.6 billion.

The state debt interest costs model **Cost-at-Risk (CaR)** for the year 2009 was published in the *Financing and Debt Management Strategy for the year 2009*. Calculations of the CaR values are based on future interest rates simulations.

The actual versus simulated development of the PRIBOR 3M and 10Y swap from January 2009 till June 2009 are in the upper part of the figure. The actual versus simulated interest costs for the second quarter of 2009 is in the lower part of the figure.

**Actual versus simulated evolution of the interest rates and the actual versus simulated monthly gross interest costs (CZK billion)**



Note: Interest costs are calculated on the cash principle relevant for the current methodology of the state budget.  
Source: MF CR.

The comparison between the actual development of interest costs and the development of the simulated interest costs in the first quarter 2009 in comparison with the same period of the last year is summarized in the following table.

**Cost-at-Risk deviation from the actual interest costs in the first half of 2008 and 2009**

	2008	2009
Actual interest costs (CZK billion)	18,2	27,2
Expected (simulated) costs (CZK billion)	18,9	22,7
Cost-at-Risk 95% (CZK billion)	23,2	24,3
Expectation bias (%)	-3,7	-16,5

Source: MF CR.

### III. State Debt Parameters (end of quarter)

Debt Parameter	Jun 2008	Sep 2008	Dec 2008	Mar 2009	Jun 2009
<b>Total state debt (CZK billion)</b>	<b>933,3</b>	<b>925,5</b>	<b>999,5</b>	<b>1 000,5</b>	<b>1 137,3</b>
Market value, inc. derivatives (CZK billion)	921,4	952,4	1000,3	994,4	1 139,0
Short-term state debt (%)	13,8	10,3	17,7	11,2	13,4
Share of money market instruments (%)	3,6	4,9	7,9	6,1	7,0
Average time to maturity (years)	6,8	7,0	6,6	6,8	6,6
Interest rate refixing up to one year, inc. derivatives (%)	26,1	21,3	28,4	23,8	26,8
Variable-rate state debt (%)	3,9	4,7	7,3	9,3	10,5
Modified duration (years)	4,0	4,5	4,3	4,3	4,3
Modified duration, exc. CZK IRS (years)	3,9	4,8	4,2	4,1	4,1
Foreign currency state debt (%)	0,9	4,4	4,6	4,7	6,2
Foreign currency debt, exc. cross-currency swaps (%)	12,0	12,5	12,8	13,0	14,2
Nonmarketable state debt (%)	4,3	5,0	4,7	4,8	4,6
<b>Marketable state debt (CZK billion)</b>	<b>893,1</b>	<b>879,1</b>	<b>952,2</b>	<b>952,2</b>	<b>1 085,5</b>
Market value (CZK billion)	884,6	906,1	952,5	945,9	1 087,0
Short-term marketable debt (%)	14,3	10,7	18,5	11,5	13,9
Share of money market instruments (%)	3,7	5,2	8,3	6,4	7,4
Average time to maturity (years)	6,7	6,7	6,4	6,6	6,3
Interest rate refixing up to one year, inc. derivatives (%)	23,0	17,4	25,0	20,1	23,6
Variable-rate marketable debt (%)	0,0	0,0	2,9	5,1	6,6
Modified duration (years)	4,1	4,7	4,5	4,5	4,4
Modified duration, exc. CZK IRS (years)	4,0	5,0	4,4	4,3	4,2
Foreign currency marketable debt (%)	1,0	4,7	4,8	4,9	6,5
Foreign currency debt, exc. cross-currency swaps (%)	12,5	13,2	13,4	13,6	14,8

Notes: **Interest rate refixing up to one year** = Money market instruments + Fixed-rate short-term debt + Variable-rate state debt + Effect of interest rate derivatives. Source: MF CR.

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**Further information:**

Martin Cícha, Funding & Portfolio Management  
 Debt and Financial Assets Management Department MF CR  
 Letenská 15, 118 10 Praha 1  
 Tel.: +420 257 043 032, E-mail: [martin.cicha@mfcr.cz](mailto:martin.cicha@mfcr.cz), Reuters <MFCR>