



## STATISTICAL APPENDIX

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Table 1  
Gross domestic product  
in millions of denars (1997=100) and annual real growth rates (in%)

National classification of activities <sup>/1</sup>	GDP total	%	Agriculture, hunting, forestry and fishing	%	Mining and quarrying, manufacturing and electricity, gas and water supply	%	Construction	%	Wholesale and retail sales	%	Hotels and restaurants	%	Transport, storage and communications	%	Financial intermediation	%	Public administration and defence	%
1997	186018	1.4	20411		45317		9867		21297		2819		11372		26002		27067	
1998	192308	3.4	21083	3.3	45969	1.4	10626	7.7	21377	0.4	3025	7.3	14385	26.5	26002	0.0	27395	1.2
1999	200669	4.3	21273	0.9	46750	1.7	11732	10.4	22025	3.0	3771	24.7	16854	17.2	26499	1.9	28519	4.1
2000	209777	4.5	21489	1.0	51122	9.4	12037	2.6	22695	3.0	3345	-11.3	18282	8.5	27215	2.7	28546	0.1
2001	200284	-4.5	19169	-10.8	48786	-4.6	10300	-14.4	22505	-0.8	3195	-4.5	16761	-8.3	27783	2.1	27876	-2.3
2002	201993	0.9	18779	-2.0	48390	-0.8	10364	0.6	23725	5.4	3726	16.6	16467	-1.8	26758	-3.7	28843	3.5
2003	207690	2.8	19686	4.8	50845	5.1	11741	13.3	24146	1.8	4085	9.6	16539	0.4	25787	-3.6	30262	4.9
2004	216164	4.1	20908	6.2	50439	-0.8	12610	7.4	27933	15.7	3623	-11.3	15745	-4.8	28817	11.8	30068	-0.6
2005	225035	4.1	20941	0.2	51803	2.7	12725	0.9	29243	4.7	3675	1.4	17387	10.4	28283	-1.9	31476	4.7
2006 <sup>/2</sup>	233819	3.9	21994	5.0	53033	2.4	14369	12.9	31378	7.3	3951	7.5	19222	10.6	30947	9.4	32185	2.3
2007 <sup>/3</sup>	247502	5.9	21657	-3.0	57616	8.6	14882	3.9	33349	6.5	4383	10.9	20831	8.4	33541	8.4	32958	2.4
2008 <sup>/4</sup>	259903	5.0	23170	7.1	60302	4.7	16892	13.7	36109	8.3	4726	7.8	20882	0.2	34460	2.8	34080	3.4
2005 Q1	51487	3.0	5064	1.2	11358	0.6	2003	-4.1	6500	2.7	783	-1.3	3988	10.7	7010	-2.9	7847	3.7
Q2	56655	5.1	5251	0.7	13210	8.7	3337	-3.3	7328	5.0	905	3.2	4343	11.8	7042	-2.4	7834	3.4
Q3	57353	4.2	5341	-0.1	13112	1.8	3684	3.0	7225	5.4	1056	3.2	4517	12.4	7058	-1.9	7847	5.1
Q4	59540	4.0	5285	-1.0	14123	0.0	3701	6.0	8190	5.4	931	0.1	4539	7.1	7173	-0.3	7948	6.5
2006 Q1	54936.629	6.7	5185.5	2.4	11267.136	-0.8	2728.1	36.2	8053.5	23.9	832.33	6.3	4733.76	18.7	7346.5	4.8	8035.328	2.4
Q2	58581.27	3.4	5697.3	8.5	13302.47	0.7	4331.4	29.8	7276.7	-0.7	984.64	8.8	4712.16	8.5	7711	9.5	7935.842	1.3
Q3	60106	4.8	5699	6.7	13846	5.6	3990	8.3	7948	10.0	1136	7.6	4793	6.1	7848	11.2	8004	2.0
Q4	60195	1.1	5412	2.4	14617	3.5	3320	-10.3	8100	-1.1	998	7.2	4984	9.8	8041	12.1	8210	3.3
2007 <sup>/5</sup> Q1	58288	6.1	5559	7.2	13070	16.0	2684	-1.6	7820	-2.9	866	4.1	5056	6.8	8008	9.0	8180	1.8
Q2	61393	4.8	5754	1.0	13821	3.9	4401	1.6	7881	8.3	1144	16.2	5084	7.9	8320	7.9	8150	2.7
Q3	63231	5.2	5408	-5.1	14719	6.3	4225	5.9	8528	7.3	1296	14.1	5094	6.3	8610	9.7	8212	2.6
Q4	64589	7.3	4936	-8.8	16006	9.5	3572	7.6	9120	12.6	1076	7.8	5597	12.3	8604	7.0	8416	2.5
2008 <sup>/4</sup> Q1	61552	5.6	5792	4.2	14037	7.4	3082	14.8	8539	9.2	997	15.1	5233	3.5	8536	6.6	8425	3.0
Q2	65507	6.7	6169	7.2	15328	10.9	4955	12.6	8755	11.1	1188	3.8	5171	1.7	8744	5.1	8386	2.9
Q3	66899	5.8	5933	9.7	16308	10.8	4462	5.6	9210	8.0	1364	5.2	5100	0.1	8610	0.0	8516	3.7
Q4	65946	2.1	5276	6.9	14629	-8.6	4394	23.0	9604	5.3	1177	9.4	5379	-3.9	8569	-0.4	8752	4.0

<sup>/1</sup> National classification of activities.<sup>/2</sup> Real value of GDP and added value by sectors from 2006 are calculated on the basis of annual rates of growth.<sup>/3</sup> Provisional data.<sup>/4</sup> Estimated data.

Source: State Statistical Office.



Table 2  
Prices  
annual rates (in %)

	Consumer price index (growth rates)																	Producer price index (growth rates)	
	Total	Goods		Services		By categories													
		Food	Tobacco and beverages	Clothing and footwear	Total	Flat (rent, water, services)	Fuel and lighting	Household appliances	Hygiene and health	Culture and entertainment	Transport means and services	Restaurants and hotels <sup>/1</sup>	Other services <sup>/1</sup>						
1997	2.6	2.2	3.8	4.2	-3.9	-1.6	1.7	0.3	3.8	1.6	-0.5	-8.6	19.4	-	-	-	4.2		
1998	-0.1	0.0	-0.4	-0.2	3.6	2.4	0.4	0.0	0.4	2.0	0.1	-10.3	2.4	-	-	-	4.0		
1999	-0.7	-1.1	0.5	-1.6	0.2	1.2	0.3	0.1	1.1	-1.9	-1.4	-2.2	-0.8	-	-	-	-0.1		
2000	5.8	5.2	8.9	-0.4	13.9	-2.3	19.3	8.8	27.4	1.7	-1.7	-1.6	22.4	-	-	-	8.9		
2001	5.5	4.5	10.9	6.9	2.3	1.3	5.5	11.3	3.9	0.1	-0.7	1.9	9.5	-	-	-	2.0		
2002	1.8	1.2	5.0	1.8	1.0	6.8	1.7	4.1	1.0	-0.6	-3.8	3.6	2.1	-	-	-	-0.9		
2003	1.2	0.3	5.9	-1.4	3.4	2.2	3.9	3.9	4.4	1.1	3.9	2.2	4.2	-	-	-	-0.3		
2004	-0.4	-1.1	3.3	-3.1	1.1	0.9	2.2	-0.3	3.0	4.2	0.4	1.3	4.0	-	-	-	0.9		
2005	0.5	0.3	1.3	-1.2	5.5	2.2	0.4	0.3	1.0	-1.2	-3.5	0.9	3.7	-	-	-	3.2		
2006	3.2	3.7	1.3	2.2	17.8	0.2	2.0	-0.7	3.7	-0.8	2.0	6.4	1.8	-	-	-	7.3		
2007	2.3	3.0	-0.3	3.9	1.8	1.8	4.7	6.3	5.8	-0.7	0.3	2.4	-3.1	4.7	8.6	2.6			
2008	8.3	9.2	5.1	15.3	4.0	1.8	6.0	6.1	7.3	1.4	1.5	0.2	3.2	11.4	2.2		10.3		
2006 Q1 <sup>/2</sup>	2.7	3.2	0.9	1.6	17.7	-0.5	0.9	-0.2	1.6	-0.5	0.3	6.0	2.6	-	-	-	7.7		
Q2	3.4	3.8	2.0	2.3	17.5	0.3	1.1	0.2	1.9	-0.5	1.9	6.8	3.8	-	-	-	9.1		
Q3	3.6	4.0	1.9	2.9	17.9	0.5	1.7	-0.6	3.2	-0.9	2.7	6.9	2.3	-	-	-	7.6		
Q4	3.1	3.7	0.4	2.1	17.9	0.6	4.2	-2.2	7.9	-1.1	2.9	5.7	-1.5	-	-	-	4.9		
2007 Q1	0.7	1.3	-1.1	0.7	0.1	1.8	5.1	1.6	8.8	-1.8	0.0	3.5	-5.0	3.0	-2.8	1.1			
Q2	1.1	1.6	-0.5	0.7	2.2	1.0	5.9	6.6	7.8	-0.9	0.5	3.1	-4.3	3.6	11.6	0.7			
Q3	2.4	3.0	0.2	3.8	2.3	1.1	5.2	7.5	6.0	-0.1	0.9	3.6	-3.1	3.9	12.5	1.4			
Q4	4.9	6.2	0.4	10.4	2.4	3.5	2.8	9.6	1.1	0.0	0.0	-0.5	-0.6	8.0	13.0	7.0			
2008 Q1	9.5	11.0	3.9	19.0	4.2	1.6	3.6	8.5	2.7	0.4	1.5	-0.3	4.4	11.8	16.7	10.5			
Q2	9.9	11.4	4.5	19.5	3.5	3.6	3.4	4.7	3.7	1.0	1.1	0.5	5.8	12.0	1.9	13.6			
Q3	8.4	9.0	6.1	14.7	4.1	1.9	6.3	5.7	7.9	1.6	1.2	-0.2	5.1	13.1	-1.1	15.2			
Q4	5.5	5.4	5.8	8.6	4.3	0.3	10.4	5.8	14.4	2.7	2.1	0.9	-2.4	8.9	-6.6	2.2			
January	8.7	10.3	2.6	17.8	2.5	2.2	3.0	9.5	1.4	0.3	1.9	-0.7	3.4	10.6	14.8	9.5			
February	9.6	11.0	4.4	18.7	4.7	1.2	4.5	11.7	2.9	0.6	1.8	-0.4	4.7	12.3	17.5	10.2			
March	10.2	11.7	4.7	20.6	5.3	1.4	3.3	4.4	3.7	0.3	0.9	0.3	5.2	12.6	17.7	11.7			
April	10.1	11.7	4.4	21.0	3.4	2.7	3.4	4.2	3.8	1.0	1.1	1.2	4.1	11.4	1.6	10.7			
May	9.5	11.0	4.3	18.4	3.6	4.1	3.3	4.6	3.5	0.9	1.1	0.0	5.7	11.9	2.0	14.4			
June	10.1	11.6	4.8	19.2	3.6	3.9	3.6	5.3	3.7	1.0	1.0	0.3	7.5	12.8	2.0	15.7			
July	9.5	10.7	5.0	17.7	3.8	2.3	3.9	5.7	3.9	1.3	1.3	-0.4	7.4	14.1	2.0	17.2			
August	8.6	8.9	7.4	14.7	4.3	2.2	7.3	5.7	9.6	1.5	0.9	-0.7	5.2	14.1	0.9	13.8			
September	7.1	7.4	6.0	11.8	4.3	1.1	7.7	5.7	10.2	1.9	1.3	0.4	2.8	11.2	-6.1	14.5			
October	7.1	7.4	6.1	12.2	4.3	1.6	7.7	5.7	10.0	2.5	2.3	0.7	0.8	10.7	-6.9	9.2			
November	5.2	5.0	6.3	7.3	4.3	-0.1	12.2	5.6	17.6	2.7	2.4	1.1	-2.7	9.3	-6.9	-0.8			
December	4.1	3.8	5.1	6.3	4.4	-0.5	11.2	6.0	15.7	3.0	1.7	0.8	-5.4	6.8	-6.0	-1.8			
2009 Q1	1.0	0.9	1.2	1.2	4.5	1.6	7.4	3.8	9.9	3.8	2.1	-1.7	-9.2	5.1	-7.3	-6.2			
January	1.7	1.5	2.7	2.3	4.9	1.5	7.9	5.5	10.1	4.0	1.8	-0.6	-8.4	6.5	-6.4	-5.8			
February	0.7	0.6	0.9	0.4	4.5	1.9	7.1	3.2	9.7	3.6	2.4	-2.0	-8.9	4.6	-7.6	-5.1			
March	0.2	0.2	0.1	-0.1	4.1	1.3	7.2	2.7	10.0	3.8	2.1	-2.6	-10.1	4.2	-7.8	-7.6			

<sup>1/</sup> Since 2007, the structure of the consumer price index (CPI) includes also the following categories: restaurants and hotels and the category of other services which are not mentioned anywhere else.

<sup>2/</sup> Quarterly calculations are made in the Research Department in NBRM.

Source: State Statistical Office.



Table 3  
Industrial production index  
annual growth rates (in %)

	Total	By sectors			By group of products				
		Mining and quarrying	Manufacturing industry	Electricity, gas and water	Energy	Intermediary goods, except energy	Capital goods	Durable consumer goods	Non-durable consumer goods
2002	-5.3	-24.5	-4.7	-3.8	-16.8	-8.0	53.3	-22.6	-2.4
2003	4.7	-39.1	5.9	9.8	28.7	-12.1	-9.0	36.9	19.0
2004	-2.2	-5.0	-2.1	-2.6	-1.8	0.9	-20.1	9.1	-3.4
2005	7.0	40.4	7.3	2.5	4.6	14.2	-3.2	-14.9	3.8
2006	2.5	28.0	2.4	-0.6	1.5	7.3	8.2	-5.0	-2.2
2007	3.7	9.8	5.2	-9.5	-6.9	12.9	19.7	8.8	-2.0
2008	5.5	9.9	6.3	-3.1	-0.1	7.7	-1.3	64.2	4.0
2005 Q1 <sup>1/</sup>	5.2	-18.9	6.4	3.8	2.3	14.8	-0.9	-18.2	1.8
Q2	13.5	17.0	16.3	-0.5	6.5	24.6	-1.2	4.8	8.9
Q3	6.0	62.9	5.5	2.0	4.0	9.8	-2.5	-11.1	5.4
Q4	4.2	97.1	2.5	4.3	7.4	9.5	-5.3	-24.8	-0.1
2006 Q1	0.5	111.6	-0.9	-0.9	3.0	5.6	-2.5	10.5	-6.1
Q2	1.7	53.2	1.3	-2.0	-3.0	5.1	17.0	-6.5	-0.3
Q3	4.3	13.1	4.9	0.1	0.7	12.0	0.1	2.1	-0.7
Q4	3.5	4.8	4.0	1.9	5.7	6.3	26.3	-12.5	-1.1
2007 Q1	11.6	13.9	16.0	-9.1	-2.1	25.0	39.0	10.3	6.2
Q2	-2.8	16.2	-1.5	-20.8	-16.6	7.9	-4.4	25.3	-7.8
Q3	1.1	15.4	1.5	-8.7	-4.5	7.5	27.3	-3.0	-5.8
Q4	6.2	-3.3	7.8	-1.1	-6.2	15.3	24.7	6.5	1.8
January	10.6	11.7	16.4	-9.8	-11.6	31.8	102.3	53.3	3.5
February	14.9	29.9	17.8	-4.2	13.4	23.7	33.3	-8.8	7.6
March	9.6	0.8	14.2	-12.7	-5.5	21.6	14.9	6.1	7.0
April	5.3	10.1	6.8	-6.8	18.1	18.9	-11.9	39.5	-9.7
May	-5.8	25.0	-4.6	-25.6	-37.2	3.6	16.2	15.1	-5.5
June	-7.1	14.6	-5.4	-32.1	-29.6	2.9	-13.0	23.1	-8.3
July	-2.2	56.1	-2.1	-18.9	-11.1	6.9	4.0	8.4	-7.0
August	1.0	3.3	2.2	-11.6	-8.9	14.3	2.5	4.0	-7.8
September	4.5	0.6	4.3	9.5	9	1.9	77.6	-15.4	-2.4
October	10.5	-4.0	14.6	-13.5	-8.3	22.5	70.0	10.7	0.0
November	5.5	-11.3	7.3	-1.0	-8.2	21.1	9.1	17.4	-1.8
December	2.6	4.8	1.4	9.8	-2.8	1.3	3.6	-6.2	7.0
2008 Q1	5.8	11.9	6.6	-0.8	1.7	8.8	26.6	77.3	-1.3
Q2	12.0	13.6	12.8	1.9	15.8	13.1	28.0	77.0	3.9
Q3	13.0	3.4	14.6	1.9	3.4	28.0	-15.9	55.1	4.3
Q4	-7.7	11.2	-8.0	-12.2	-15.3	-18.7	-31.3	51.5	7.9
January	13.6	15.3	16.1	1.6	9.6	21.4	19.7	84.3	4.3
February	6.9	6.2	8.4	-1.6	-2.8	11.0	56.0	70.9	-1.6
March	-1.4	15.3	-2.0	-2.8	-1.6	-2.0	5.4	77.4	-5.3
April	6.2	9.0	7.5	-5.2	-7.1	9.4	15.6	73.6	4.2
May	17.6	8.8	19.5	3.4	40.4	16.8	33.4	80.1	7.2
June	12.3	24.0	11.8	11.5	31.3	13.2	34.9	77.4	0.6
July	14.7	10.0	17.1	-6.5	-0.3	29.7	13.1	62.6	4.8
August	8.6	-5.2	10.0	1.4	10.2	13.2	-1.6	48.8	2.5
September	15.7	5.5	16.6	11.3	0.7	41.3	-41.9	53.5	5.3
October	-9.9	13.0	-11.8	-1.3	2.6	-24.0	-40.8	42.9	5.3
November	-2.9	21.0	-3.0	-9.7	-13.3	-13.5	-30.4	43.4	15.6
December	-10.1	1.7	-8.8	-21.8	-30.9	-17.3	-18.7	68.8	3.4
January '09	-16.7	-23.7	-18.7	-4.6	-1.6	-41.4	-20.8	-15.7	0.5
February	-11.3	-21.9	-11.4	-6.5	-6.2	-26.0	-44.8	-16.7	9.6

<sup>1/</sup> Quartile calculations are made in the Research Department in NBRM.

Source: State Statistical Office.



Table 4  
Employment and productivity in total economy

	Total population fit for work	Active population			Number of employees by economic activities:			Productivity <sup>1)</sup>
		Total	Employees	Unemployed	Agriculture	Industry	Services	
1996	1,436,602	789,081	537,591	251,489	100,067	193,975	243,548	-
1997	1,489,625	800,513	512,301	288,213	84,256	163,988	264,056	-
1998	1,503,365	823,826	539,762	284,064	107,249	190,674	241,839	-
1999	1,518,250	806,674	545,222	261,452	115,361	185,283	244,580	-
2000	1,534,256	811,557	549,846	261,711	119,971	187,066	242,809	-
2001	1,554,420	862,504	599,308	263,196	131,094	190,458	277,755	-
2002	1,566,953	824,824	561,341	263,483	134,293	186,917	238,868	-
2003	1,579,450	860,976	545,108	315,868	120,132	184,855	238,583	-
2004	1,594,557	832,281	522,995	309,286	88,050	171,390	261,810	-
2005	1,607,997	869,187	545,253	323,934	106,533	175,868	261,523	-0.2
2006	1,618,482	891,679	570,404	321,274	114,777	186,085	268,117	-0.7
2007	1,628,635	907,138	590,234	316,905	107,717	184,928	294,305	2.3
2005 Q1	1,603,675	827,428	507,397	320,030	76,546	181,450	251,307	5.4
Q2	1,606,833	883,522	552,797	330,724	126,194	174,588	251,112	2.9
Q3	1,609,071	889,725	564,880	324,845	135,712	170,157	257,804	-2.2
Q4	1,612,410	876,074	555,938	320,136	87,921	180,089	286,837	-6.2
2006 Q1	1,615,584	877,798	559,702	318,096	103,319	190,355	264,550	-3.4
Q2	1,617,423	885,609	566,293	319,316	128,519	189,630	246,842	0.9
Q3	1,619,447	899,732	576,813	322,919	125,322	187,760	262,480	2.3
Q4	1,621,475	903,576	578,810	324,766	101,948	176,592	298,599	-2.4
2007 Q1	1,624,611	902,588	579,301	323,287	95,384	186,975	293,629	2.3
Q2	1,627,216	906,199	589,254	316,944	112,982	184,622	288,104	0.7
Q3	1,630,010	909,466	598,327	311,139	117,531	181,993	294,863	1.2
Q4	1,632,702	910,301	594,054	316,247	104,975	186,122	300,622	4.9
2008 Q1	1,635,058	920,512	600,593	319,919	121,238	178,848	298,110	1.7
Q2	1,633,339	917,566	607,125	310,441	129,711	186,184	289,783	3.6
Q3	1,631,646	925,073	619,802	305,271	119,149	198,499	301,415	2.1
Q4	1,633,321	914,547	608,541	306,006	108,896	198,590	299,451	-0.1

<sup>1)</sup> Annual growth rates (%). NBRM staff calculations.

Source: State Statistical Office. Labour Force Survey.



Table 5  
Salaries  
amount in denars, annual rate (in %)

	Gross salaries:						Net salaries:					
	Average, total	Nominal change	Real change	By economic activities:			Average, total	Nominal change	Real change	By economic activities:		
				Agriculture	Industry	Services				Agriculture	Industry	Services
1999	16,941	3.6	-	12,944	16,306	19,684	10,029	2.9	3.6	8,667	8,380	10,720
2000	17,958	6.0	-	15,733	17,785	20,968	10,526	5.5	-0.3	9,294	8,883	11,354
2001	17,893	-0.4	-5.6	14,739	18,304	20,467	10,592	3.5	-1.9	8,754	10,348	11,852
2002	19,030	6.4	4.5	14,437	19,243	21,648	11,550	6.9	5.0	8,833	11,415	12,791
2003	19,957	4.9	3.7	14,100	19,854	22,955	11,955	4.8	3.6	8,522	11,782	13,549
2004	20,779	4.1	4.5	17,287	20,692	23,748	12,534	4.0	4.4	10,337	12,290	13,999
2005	21,335	2.7	2.2	19,128	21,450	24,737	13,125	2.5	2.0	11,419	12,738	14,548
2006	23,037	8.0	4.6	19,485	23,570	25,624	13,854	7.3	4.0	11,660	13,983	15,036
2007	24,139	4.8	2.4	17,755	23,965	26,520	14,586	7.9	5.5	10,766	14,585	16,080
2008	25,349	8.7	0.3	17,342	25,478	28,492	16,095	10.3	1.9	10,693	15,780	17,581
2006 Q1	22,559	7.6	4.9	19,179	22,969	25,184	13,207	6.9	3.7	11,466	13,606	14,757
Q2	22,923	8.5	5.1	19,600	23,340	25,444	13,428	7.7	4.2	11,681	13,820	14,910
Q3	23,214	8.7	5.1	19,719	23,967	25,835	13,584	7.7	3.9	11,779	14,184	15,125
Q4	23,451	7.1	4.0	19,440	24,003	26,035	13,854	7.2	4.0	11,712	14,321	15,351
2007 Q1	23,139	2.6	1.9	17,809	23,414	25,635	13,962	5.7	5.0	10,802	14,230	15,516
Q2	23,651	3.2	2.1	18,396	23,569	26,020	14,287	6.4	5.3	11,161	14,335	15,746
Q3	24,193	4.2	1.8	17,524	24,043	26,510	14,604	7.5	5.1	10,652	14,608	16,086
Q4	25,574	9.1	4.2	17,291	24,836	27,917	15,490	11.8	6.9	10,451	15,167	16,971
January	23,003	1.1	0.3	18,113	23,811	25,604	13,884	4.2	3.4	10,980	14,475	15,509
February	23,088	3.6	3.1	17,559	22,803	25,515	13,934	6.9	6.4	10,610	13,860	15,442
March	23,327	3.0	2.2	17,755	23,628	25,786	14,067	6.1	5.3	10,816	14,356	15,595
April	23,632	5.1	4.0	17,789	22,945	25,922	14,291	8.4	7.3	10,836	13,968	15,698
May	23,733	2.7	1.8	19,379	23,949	26,165	14,328	5.8	4.9	11,586	14,564	15,819
June	23,589	1.9	0.5	18,019	23,813	25,972	14,242	5.1	3.8	11,063	14,473	15,722
July	23,701	3.2	1.9	16,284	24,053	26,219	14,300	6.5	5.1	9,963	14,600	15,900
August	23,907	2.0	-0.2	19,480	24,486	26,227	14,447	5.3	3.0	11,760	14,885	15,906
September	24,971	7.4	3.7	16,807	23,589	27,086	15,066	10.8	6.9	10,233	14,340	16,453
October	25,889	9.8	5.6	17,089	25,671	28,060	15,608	13.0	8.8	10,369	15,599	16,996
November	25,397	7.1	2.4	18,319	24,622	27,658	15,320	10.3	5.4	11,037	14,983	16,748
December	25,435	10.3	4.0	16,465	24,200	28,034	15,543	12.2	5.7	9,947	14,920	17,170
2008 Q1	25,146	8.7	-0.8	16,983	24,571	27,429	15,430	10.5	0.9	10,315	15,220	16,934
Q2	25,566	8.1	-1.6	16,679	25,126	27,899	15,697	9.9	0.0	10,295	15,559	17,228
Q3	26,337	8.9	0.4	16,779	25,610	28,561	16,171	10.7	2.1	10,479	15,860	17,628
Q4	27,863	9.0	3.3	18,928	26,604	30,080	17,081	10.3	4.5	11,684	16,480	18,534
January	25,349	10.2	1.4	17,355	25,456	27,398	15,555	12.0	3.1	10,453	15,757	16,918
February	24,799	7.4	-2.0	16,599	24,265	27,165	15,207	9.1	-0.4	10,169	15,019	16,771
March	25,289	8.4	-1.6	16,994	23,993	27,724	15,529	10.4	0.2	10,325	14,884	17,114
April	25,412	7.5	-2.3	16,379	24,735	27,808	15,605	9.2	-0.8	10,042	15,315	17,176
May	25,612	7.9	-1.4	16,379	25,337	27,843	15,728	9.8	0.2	10,104	15,691	17,198
June	25,673	8.8	-1.1	17,279	25,307	28,047	15,759	10.7	0.5	10,741	15,672	17,311
July	25,739	8.6	-0.8	16,653	24,907	28,100	15,808	10.5	1.0	10,493	15,415	17,355
August	25,758	7.7	-0.8	16,811	25,413	28,078	15,820	9.5	0.8	10,438	15,739	17,333
September	27,513	10.2	2.9	16,873	26,510	29,505	16,884	12.1	4.6	10,505	16,425	18,196
October	27,758	7.2	0.1	20,034	26,800	29,855	17,020	9.0	1.8	12,364	16,621	18,404
November	27,507	8.3	3.0	17,223	25,889	27,976	16,859	10.0	4.6	10,687	16,029	18,238
December	28,323	11.4	7.0	19,527	27,125	29,527	17,363	11.7	7.3	12,001	16,791	18,960
January '09	29,586	16.7	14.8	19,610	28,815	30,451	19,616	26.1	24.0	13,241	18,752	21,767

Source: State Statistical Office.

Source: State Statistical Office of the Republic of Macedonia.





Quarterly Report IV/2008

Table 7  
National bank of the Republic of Macedonia - balance sheet  
in millions of denars

	XII.03	XII.04	XII.05	2006				2007				2008															
				III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII <sup>2)</sup>	IX	X	XI	XII				
	52418	51506	78785	84515	89684	94587	96376	96102	95116	101561	100505	100583	101332	99566	98487	99042	101307	102295	104387	110064	110130	105021	96573				
<b>ASSETS</b>																											
<b>1. Foreign assets</b>	<b>45854</b>	<b>44637</b>	<b>69504</b>	<b>75076</b>	<b>80181</b>	<b>84956</b>	<b>87761</b>	<b>87526</b>	<b>87849</b>	<b>94209</b>	<b>94343</b>	<b>94939</b>	<b>95448</b>	<b>93487</b>	<b>92136</b>	<b>92392</b>	<b>94449</b>	<b>95298</b>	<b>97874</b>	<b>103351</b>	<b>102792</b>	<b>97658</b>	<b>91877</b>				
1.1. Gold and foreign currencies	2131	4101	5855	6487	6480	6428	6652	6826	6538	7053	7696	8441	8614	7986	7518	7627	7983	7877	7651	8391	8108	9155	8787				
1.2. SDR portfolio and reserve position with IMF	19	38	41	11	53	13	139	431	86	67	60	61	55	54	66	63	62	62	59	62	66	63	60				
1.3. Deposits with foreign banks	39175	39157	61556	66548	68769	70685	71001	65245	60850	61554	55832	17439	17931	17084	16192	16534	18301	19326	20538	24679	22392	15343	14537				
1.4. Securities <sup>1)</sup>	4284	1116	1793	1777	4635	7588	9737	14794	20149	25319	30547	68791	68646	68363	68360	68168	68033	69626	70219	72226	73097	68493					
1.5. Other foreign assets	245	225	259	253	244	242	232	230	226	216	208	207	202	0	0	0	0	0	0	0	0	0	0				
<b>2. Claims on the Government</b>	<b>3878</b>	<b>3467</b>	<b>3911</b>	<b>3911</b>	<b>3604</b>	<b>3604</b>	<b>2854</b>	<b>2854</b>	<b>1626</b>	<b>1626</b>	<b>1591</b>	<b>1591</b>	<b>1591</b>	<b>1591</b>	<b>1601</b>												
2.1. In Denar	3878	3467	3911	3911	3604	3604	2854	2854	1626	1626	1591	1591	1591	1591	1591	1591	1591	1591	1591	1591	1591	1591	1601				
2.2. In foreign currency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
<b>3. Other assets</b>	<b>2686</b>	<b>3402</b>	<b>5370</b>	<b>5528</b>	<b>5899</b>	<b>6027</b>	<b>5761</b>	<b>5722</b>	<b>5641</b>	<b>5726</b>	<b>4571</b>	<b>4053</b>	<b>4293</b>	<b>4488</b>	<b>4760</b>	<b>5059</b>	<b>5267</b>	<b>5406</b>	<b>4922</b>	<b>5122</b>	<b>5747</b>	<b>5772</b>	<b>3095</b>				
<b>B. LIABILITIES</b>																											
<b>1. Reserve money</b>	<b>21022</b>	<b>21111</b>	<b>25762</b>	<b>24697</b>	<b>26929</b>	<b>27364</b>	<b>31264</b>	<b>29355</b>	<b>31838</b>	<b>32533</b>	<b>37586</b>	<b>34997</b>	<b>35620</b>	<b>34223</b>	<b>35769</b>	<b>35504</b>	<b>38854</b>	<b>40115</b>	<b>38363</b>	<b>40311</b>	<b>42243</b>	<b>38016</b>	<b>42059</b>				
1.1. Currency in circulation	14177	14162	14439	13700	14580	14810	16206	15034	15844	16746	17936	16419	16237	15746	16347	16408	16180	16763	16376	16552	16608	15856	17629				
1.2. Cash in the vaults	833	909	1374	980	1011	1058	1526	1468	1590	1768	1958	1914	1887	2046	2161	2013	2274	3129	2400	2342	2355	2323	3170				
1.3. Banks' accounts with NBRM	6012	6040	9949	10017	11338	11496	13532	12853	14404	14019	17692	16664	17496	16431	17261	17083	20400	20223	18438	19950	21507	17818	19732				
1.3.1. Allocated reserve requirement in foreign currency	2770	3366	5323	5505	5662	6006	6373	6595	6949	7229	7277	7421	8429	8560	8701	8816	9016	9142	9314	9759	9920	9772	9803				
1.4. Compulsory deposit at NBRM																			1149	1467	1773	2019	1528				
2. Sold CB bills on auction	4379	4552	8921	8903	6734	7422	9456	11303	15095	16339	20995	21581	22178	21686	20611	23193	21569	19931	20693	20016	18377	16819	17418				
<b>3. Government deposits</b>	<b>10317</b>	<b>10956</b>	<b>22279</b>	<b>29052</b>	<b>33830</b>	<b>37137</b>	<b>32957</b>	<b>32236</b>	<b>27536</b>	<b>30968</b>	<b>19999</b>	<b>20892</b>	<b>19880</b>	<b>22489</b>	<b>20595</b>	<b>18727</b>	<b>18277</b>	<b>19104</b>	<b>21228</b>	<b>24997</b>	<b>23596</b>	<b>20936</b>	<b>13478</b>				
3.1. In denars	2337	4696	6993	8807	14417	18728	15326	20106	21807	26128	14406	15351	14494	17333	15671	13997	13250	13869	16048	20225	19197	16625	10292				
3.1.1. Government securities for monetary purposes				1377	2627	4656	4573	5537	8082	6312	4560	3036	1956	1776	1211	131	0	0	0	0	0	0	0				
3.2. In foreign currency	7980	6260	15286	20245	19413	18409	17631	12130	5729	4840	5593	5541	5386	5156	4924	4730	5027	5235	5180	4772	4399	4311	3186				
<b>4. Deposits of other financial institutions</b>	<b>78</b>	<b>18</b>	<b>18</b>	<b>212</b>	<b>113</b>	<b>127</b>	<b>23</b>	<b>423</b>	<b>206</b>	<b>473</b>	<b>148</b>	<b>191</b>	<b>239</b>	<b>175</b>	<b>103</b>	<b>91</b>	<b>126</b>	<b>152</b>	<b>1494</b>	<b>73</b>	<b>99</b>	<b>67</b>	<b>54</b>				
<b>5. Foreign liabilities</b>	<b>3353</b>	<b>2862</b>	<b>3222</b>	<b>3169</b>	<b>2925</b>	<b>2892</b>	<b>2645</b>	<b>2460</b>	<b>59</b>	<b>0</b>	<b>382</b>	<b>382</b>	<b>21409</b>	<b>21527</b>	<b>22481</b>	<b>22611</b>	<b>22227</b>	<b>24285</b>	<b>25431</b>	<b>28799</b>	<b>23180</b>						
<b>6. Other liabilities</b>	<b>13269</b>	<b>12007</b>	<b>18583</b>	<b>18482</b>	<b>19153</b>	<b>19645</b>	<b>20031</b>	<b>20325</b>	<b>20382</b>	<b>21248</b>	<b>21777</b>	<b>22922</b>	<b>23415</b>	<b>20993</b>	<b>21409</b>	<b>21527</b>	<b>22481</b>	<b>22611</b>	<b>22227</b>	<b>24285</b>	<b>25431</b>	<b>28799</b>	<b>23180</b>				

1) Revised data: The accrued interest on foreign securities is included in the item foreign assets started from January 2008.

2) Starting from August 2008, deposit money banks and saving houses allocate compulsory deposit with the NBRM, according with the Decision on the compulsory deposit with the National Bank of the Republic of Macedonia, No.02-15/VI-1/2008 from 12.06.2008.

Source: NBRM.





Table 9  
Saving houses - balance sheet  
in millions of denars

	XII.05	2006				2007				2008											
		III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
<b>A. ASSETS</b>	<b>2199</b>	<b>2231</b>	<b>2311</b>	<b>2389</b>	<b>2622</b>	<b>2810</b>	<b>2947</b>	<b>3040</b>	<b>3215</b>	<b>3263</b>	<b>3428</b>	<b>3407</b>	<b>3511</b>	<b>3615</b>	<b>3696</b>	<b>3753</b>	<b>3787</b>	<b>3863</b>	<b>3888</b>	<b>3920</b>	<b>3904</b>
<b>1. Liquidity assets</b>	<b>15</b>	<b>16</b>	<b>22</b>	<b>18</b>	<b>19</b>	<b>23</b>	<b>25</b>	<b>28</b>	<b>28</b>	<b>34</b>	<b>29</b>	<b>28</b>	<b>30</b>	<b>28</b>	<b>29</b>	<b>26</b>	<b>26</b>	<b>27</b>	<b>26</b>	<b>32</b>	<b>28</b>
1.1. Cash in the vaults	15	16	22	18	19	23	25	28	28	34	29	28	30	28	29	26	26	27	26	32	28
<b>2. Deposits with NBRM</b>	<b>76</b>	<b>76</b>	<b>41</b>	<b>44</b>	<b>49</b>	<b>74</b>	<b>57</b>	<b>80</b>	<b>76</b>	<b>75</b>	<b>61</b>	<b>57</b>	<b>45</b>	<b>53</b>	<b>50</b>	<b>49</b>	<b>46</b>	<b>51</b>	<b>56</b>	<b>76</b>	<b>46</b>
<b>3. Claims on the Government</b>	<b>62</b>	<b>57</b>	<b>63</b>	<b>72</b>	<b>155</b>	<b>64</b>	<b>71</b>	<b>42</b>	<b>37</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>37</b>	<b>41</b>	<b>46</b>	<b>46</b>	<b>44</b>	<b>44</b>	<b>41</b>	<b>40</b>
3.1. Claims on credits																					
3.2. Placements in securities	62	57	63	72	155	64	71	42	37	38	38	38	38	37	41	46	46	44	44	41	40
<b>4. Claims on non-government sector</b>	<b>1718</b>	<b>1747</b>	<b>1823</b>	<b>1886</b>	<b>2048</b>	<b>2254</b>	<b>2416</b>	<b>2487</b>	<b>2615</b>	<b>2677</b>	<b>2788</b>	<b>2878</b>	<b>2988</b>	<b>3078</b>	<b>3146</b>	<b>3196</b>	<b>3228</b>	<b>3286</b>	<b>3291</b>	<b>3301</b>	<b>3342</b>
4.1. Claims on credits	1716	1745	1820	1884	2046	2252	2415	2485	2615	2677	2788	2878	2988	3078	3146	3196	3228	3286	3291	3301	3342
4.2. Placements in securities	2	2	3	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>5. Other assets</b>	<b>328</b>	<b>335</b>	<b>362</b>	<b>369</b>	<b>427</b>	<b>504</b>	<b>378</b>	<b>403</b>	<b>459</b>	<b>439</b>	<b>512</b>	<b>406</b>	<b>410</b>	<b>419</b>	<b>430</b>	<b>436</b>	<b>441</b>	<b>455</b>	<b>471</b>	<b>470</b>	<b>448</b>
<b>B. LIABILITIES</b>	<b>2199</b>	<b>2231</b>	<b>2311</b>	<b>2389</b>	<b>2622</b>	<b>2810</b>	<b>2947</b>	<b>3040</b>	<b>3215</b>	<b>3263</b>	<b>3428</b>	<b>3407</b>	<b>3511</b>	<b>3615</b>	<b>3696</b>	<b>3753</b>	<b>3787</b>	<b>3863</b>	<b>3888</b>	<b>3920</b>	<b>3904</b>
<b>1. Deposits</b>	<b>455</b>	<b>479</b>	<b>525</b>	<b>558</b>	<b>588</b>	<b>638</b>	<b>660</b>	<b>686</b>	<b>686</b>	<b>697</b>	<b>702</b>	<b>683</b>	<b>689</b>	<b>704</b>	<b>712</b>	<b>710</b>	<b>718</b>	<b>724</b>	<b>711</b>	<b>706</b>	<b>691</b>
1.1. Denar sight deposits	24	22	23	25	24	30	30	27	37	34	32	35	39	42	43	39	37	40	35	33	34
1.2. Time deposits up to 1 year	289	313	346	373	401	443	457	482	505	519	527	525	525	532	535	536	543	545	538	536	519
1.3. Time deposits over 1 year	142	144	156	160	163	165	173	177	144	144	143	123	125	130	134	135	138	139	138	137	138
<b>2. Securities</b>	<b>0</b>																				
<b>3. Borrowings from NBRM</b>	<b>0</b>																				
<b>4. Capital accounts</b>	<b>1103</b>	<b>1112</b>	<b>1165</b>	<b>1162</b>	<b>1157</b>	<b>1203</b>	<b>1243</b>	<b>1257</b>	<b>1267</b>	<b>1290</b>	<b>1291</b>	<b>1292</b>	<b>1305</b>	<b>1314</b>	<b>1324</b>	<b>1337</b>	<b>1351</b>	<b>1359</b>	<b>1365</b>	<b>1375</b>	<b>1408</b>
<b>5. Other liabilities</b>	<b>641</b>	<b>640</b>	<b>621</b>	<b>669</b>	<b>877</b>	<b>969</b>	<b>1044</b>	<b>1097</b>	<b>1262</b>	<b>1276</b>	<b>1435</b>	<b>1432</b>	<b>1517</b>	<b>1597</b>	<b>1660</b>	<b>1706</b>	<b>1718</b>	<b>1780</b>	<b>1812</b>	<b>1839</b>	<b>1805</b>

Source: NBRM.



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Table 10

Monetary survey (without saving houses)  
in millions of denars

	XII.03	XII.04	XII.05	2006				2007				2008												
				III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
<b>A. Net foreign assets</b>	65792	68865	89738	96611	100288	105619	108042	108475	107566	111578	109791	111208	110638	106037	105424	105780	105440	105565	109438	111925	105153	98313	91781	
<i>National Bank</i>	42501	41824	66282	71907	77256	82064	85116	85066	87790	94209	94343	94939	95448	93487	92136	92392	94449	94916	97492	102969	102408	97274	91493	
Assets	45854	44686	69504	75076	80181	84956	87761	87526	87849	94209	94343	94939	95448	93487	92136	92392	94449	95298	97874	103351	102792	97658	91877	
Liabilities	3353	2862	3222	3169	2925	2892	2645	2460	59	0	0	0	0	0	0	0	0	382	382	382	384	384	384	384
<i>Deposit Money Banks</i>	23291	27041	23456	24704	23032	23555	22926	23409	19776	17369	15448	16269	15190	12550	13288	13388	10991	10649	11946	8956	2745	1039	288	
Assets	33081	37105	37786	36669	35526	36867	39707	39614	39000	38175	38412	36425	35590	33580	34775	33795	32400	32104	36204	32494	27492	26971	23882	
Liabilities	9790	10064	14330	11965	12494	13312	16781	16205	19224	20806	22964	20156	20400	21030	21487	20407	21409	21455	24258	23538	24747	25932	23594	
<b>B. Net domestic assets</b>	16676	26206	19545	16577	18220	19219	28288	34538	48712	50327	66205	65576	68969	72830	77937	81546	84716	88260	87826	85540	89991	91740	104320	
<i>I. Domestic credits</i>	50616	61356	62382	62714	65763	65575	77176	85601	100434	104481	123140	124935	129178	130614	136495	140056	143892	147602	147868	148469	153410	159119	169688	
of which: Claims on Gov.	288	-916	-11791	-15747	-19421	-21017	-17184	-15513	-9477	-15736	-5921	-7312	-7716	-10877	-9927	-9194	-9496	-10562	-12613	-16166	-14389	-11329	-2896	
<b>a) Deposit Money Banks</b>	57666	69431	81371	88476	96610	99729	107866	115570	126931	134410	142100	144788	148019	152064	156051	157744	161130	165667	168057	172427	175967	179016	182127	
<i>-in denar</i>	44528	52575	64186	69847	75954	77855	84368	90626	99837	105391	111467	113471	116249	120101	122849	124047	126554	129517	131117	134299	137581	140577	143748	
<b>Government</b>	1447	1650	7118	9930	11340	12998	13377	14337	16907	14020	12784	12310	10867	10315	9351	8223	7462	7224	7270	7484	7853	8255	9238	
Credits	1437	1648	7115	9927	11317	12974	13355	14314	16883	13999	12763	12289	10845	10294	9329	8201	7440	7202	7247	7461	7830	8231	9209	
<i>a) Budget and Line Ministries</i>	687	1403	7033	9696	11015	12834	13095	14052	16777	13946	12724	12254	10813	10266	9304	8180	7422	7187	7232	7445	7811	8211	9187	
<i>b) Funds</i>	750	245	82	231	302	140	260	262	106	53	39	35	32	28	25	21	18	15	15	16	19	20	22	
<i>v) Ins. of Central Gov.: Courts, etc.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Accrued interest	10	2	3	3	23	24	22	23	24	21	21	21	22	21	22	22	22	22	23	23	23	24	29	
<b>Non-Government sector</b>	43081	50925	57068	59917	64614	64857	70991	76289	82930	91371	98683	101161	105382	109786	113498	115824	119092	122293	123847	126815	129728	132322	134510	
Credits	38430	45750	51672	54473	58993	60349	66410	71537	78031	86908	94484	96822	101008	105345	108946	111484	114910	118047	119487	122402	125236	127745	130062	
<i>of which: Overdue claims</i>	9499	9160	9807	10146	10538	9682	9810	9560	10049	10125	8966	9379	9493	9744	9647	9905	10119	10272	10362	10639	10892	10961	11108	
Accrued interest	4651	5175	5396	5444	5621	4508	4581	4752	4899	4463	4199	4339	4374	4441	4552	4340	4182	4246	4360	4413	4492	4577	4448	
<b>-in foreign currency</b>	13138	16856	17185	18629	20656	21874	23498	24944	27094	29019	30633	31317	31770	31963	33202	33697	34576	36150	36940	38128	38386	38439	38379	
<b>Government</b>	5891	5509	80	85	86	139	129	119	113	173	255	231	258	258	278	271	280	279	306	308	315	313	305	
<i>of which: Overdue</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Non-Government sector</b>	7247	11347	17105	18544	20570	21735	23369	24825	26981	28846	30378	31086	31512	31705	32924	33426	34296	35871	36634	37820	38071	38126	38074	
<i>of which: Overdue</i>	1502	1600	1748	1444	1693	1532	1650	1511	1611	1763	1516	1982	2112	1610	1535	1551	1743	1630	1620	1776	2194	2087	1989	
<b>b) Nat. Bank Claims on Government</b>	-7050	-8075	-18989	-25762	-30847	-34154	-30690	-29969	-26497	-29929	-18960	-19853	-18841	-21450	-19556	-17688	-17238	-18065	-20189	-23958	-22557	-19897	-12439	
<b>2. Other items, net</b>	-33940	-35150	-42837	-46137	-47543	-46356	-48888	-51063	-51722	-54154	-56935	-59359	-60209	-57784	-58558	-58510	-59176	-59342	-60042	-62929	-63419	-67379	-65368	

Source: NBRM.





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Table 11  
Monetary survey (with saving houses)  
in millions of denars

	XII.05	2006				2007				2008												
		III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
		89738	96611	100288	105619	108042	108475	107566	111578	109791	111208	110638	106037	105424	105780	105440	105565	109438	111925	105153	98313	91781
<b>A. Net foreign assets</b>		66282	71907	77256	82064	85116	85066	87790	94209	94343	94939	95448	93487	92136	92392	94449	94916	97492	102969	102408	97274	91493
<i>National Bank</i>		69504	75076	80181	84956	87761	87526	87849	94209	94343	94939	95448	93487	92136	92392	94449	95298	97874	103351	102792	97658	91877
Assets		3222	3169	2925	2892	2645	2460	59	0	0	0	0	0	0	0	0	382	382	384	384	384	384
Liabilities		23456	24704	23032	23555	22926	23409	19776	17369	15448	16269	15190	12550	13288	13388	10991	10649	11946	8956	2745	1039	288
<i>Deposit Money Banks</i>		37786	36669	35526	36867	39707	39614	39000	38175	38412	36425	35590	33580	34775	33795	32400	32104	36204	32494	27492	26971	23882
Assets		14330	11965	12494	13312	16781	16205	19224	20806	22964	20156	20400	21030	21487	20407	21409	21455	24258	23538	24747	25932	23594
Liabilities		20000	17056	18745	19777	28877	35176	49372	51013	66891	66273	69671	73513	78626	82250	85428	88970	88544	86264	90702	92446	105011
<b>B. Net domestic assets</b>		64162	64518	67649	67533	79379	87919	102921	107010	125792	127650	132004	133530	139521	143171	147079	150844	151142	151799	156745	162461	173070
<i>I.Domestic credits</i>		-11729	-15690	-19358	-20945	-17029	-15449	-9406	-15694	-5884	-7274	-7678	-10839	-9889	-9157	-9455	-10516	-12567	-16122	-14345	-11288	-2856
of which: Claims on Gov.		83151	90280	98496	101687	110069	117888	129418	136939	144752	147503	150845	154980	159077	160859	164317	168909	171331	175757	179302	182358	185509
<i>a) Deposit Money Banks</i>		65966	71651	77840	79813	86571	92944	102324	107920	114119	116186	119075	123017	125875	127162	129741	132759	134391	137629	140916	143919	147130
<i>-in denar</i>		7180	9987	11403	13070	13532	14401	16978	14062	12821	12348	10905	10353	9389	8260	7503	7270	7316	7528	7897	8296	9278
Government		7177	9984	11380	13046	13510	14378	16954	14041	12800	12327	10883	10332	9367	8238	7481	7248	7293	7505	7874	8272	9249
Credits		7095	9753	11078	12906	13250	14116	16848	13988	12761	12292	10851	10304	9342	8217	7463	7233	7278	7489	7855	8252	9227
<i>a) Budget and Line Ministries</i>		82	231	302	140	260	262	106	53	39	35	32	28	25	21	18	15	15	16	19	20	22
<i>b) Funds</i>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>v) Ins. of Central Gov.: Courts, etc.</i>		3	3	23	24	22	23	24	21	21	21	22	21	22	22	22	22	23	23	23	24	29
Accrued interest		58786	61664	66437	67473	73039	78543	85346	93858	101298	103838	108170	112664	116486	118902	122238	125489	127075	130101	133019	135623	137852
<i>Non Government sector</i>		53371	56199	60793	62212	68435	73765	80418	89365	97070	99468	103764	108191	111900	114527	118019	121205	122675	125647	128485	131004	133364
Credits		9915	10267	10666	9813	9939	9701	10208	10291	9135	9555	9664	9913	9816	10084	10315	10469	10572	10864	11121	11196	11340
<i>of which: Overdue claims</i>		5415	5465	5644	4531	4604	4778	4928	4493	4228	4370	4406	4473	4586	4375	4219	4284	4400	4454	4534	4619	4488
Accrued interest		17185	18629	20656	21874	23498	24944	27094	29019	30633	31317	31770	31963	33202	33697	34576	36150	36940	38128	38386	38439	38379
<i>-in foreign currency</i>		80	85	86	139	129	119	113	173	255	231	258	258	278	271	280	279	306	308	315	313	305
Government		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>of which: Overdue</i>		1748	1444	1693	1532	1650	1511	1611	1763	1516	1982	2112	1610	1535	1551	1743	1630	1620	1776	2194	2087	1989
<i>b) Nat. Bank Claims on Government</i>		-18989	-25762	-30847	-34154	-30690	-29969	-26497	-29929	-18960	-19853	-18841	-21450	-19556	-17688	-17238	-18065	-20189	-23958	-22557	-19897	-12439
<b>2. Other items, net</b>		44162	-47462	-48904	-47756	-50502	-52743	-53549	-55997	-58901	-61377	-62333	-60017	-60895	-60921	-61651	-61874	-62598	-65535	-66043	-70015	-68059

Source: NBRM.





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Table 12  
Credits to non-government sector  
in millions of denars

	XII.03	XII.04	XII.05	2006					2007					2008											
				III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII		
<b>Credits to non-government sector</b>	<b>45677</b>	<b>57094</b>	<b>68777</b>	<b>73017</b>	<b>79565</b>	<b>82083</b>	<b>89774</b>	<b>96362</b>	<b>105019</b>	<b>115751</b>	<b>124858</b>	<b>127907</b>	<b>132518</b>	<b>137039</b>	<b>141873</b>	<b>144911</b>	<b>149196</b>	<b>153916</b>	<b>156119</b>	<b>160220</b>	<b>163301</b>	<b>165867</b>	<b>168132</b>		
<b>1. By currency</b>																									
1.1. in denars	38430	45747	51672	54473	58994	60350	66408	71539	78035	86908	94479	96819	101014	105337	108950	111485	114903	118046	119492	122404	125231	127742	130060		
1.2. in foreign currency	7247	11347	17105	18544	20571	21733	23366	24823	26984	28843	30379	31088	31504	31702	32923	33426	34293	35870	36627	37816	38070	38125	38072		
<b>2. By maturity</b>																									
2.1. short-term	27448	29764	30915	32942	35376	34554	36460	38554	41335	46159	47798	49748	52138	53610	55411	56392	58124	59720	60512	62860	63419	65171	65608		
2.2. long-term	18229	27330	37862	40075	44189	47529	53314	57808	63684	69592	77060	78159	80380	83429	86462	91072	94196	95607	97360	99882	100696	102524			
<b>3. By sector</b>																									
3.1. households	9405	15276	21625	23079	25602	27625	30864	33607	38199	43251	48263	49651	51481	53390	55259	57141	59020	61045	62467	63833	65276	65983	66342		
3.2. enterprises	36058	41681	46987	49842	53874	54377	58805	62647	66704	72226	76281	77903	80725	83337	86300	87454	89860	92522	93293	96032	97668	99474	101388		
3.3. other	214	137	165	96	89	81	105	108	116	274	314	353	312	312	314	316	349	359	355	357	410	402			
<b>annual growth rate</b>																									
<b>Credits to non-government sector</b>		25.00	20.46	21.05	26.28	24.70	30.53	31.97	31.99	41.02	39.08	39.92	41.36	42.21	44.11	43.40	42.07	41.92	39.95	38.42	39.57	37.80	34.66		
<b>1. By currency</b>		19.04	12.95	14.90	21.47	21.26	28.52	31.33	32.28	44.01	42.27	42.27	45.20	47.24	48.47	48.07	47.25	45.50	42.79	40.84	41.47	40.34	37.66		
1.1. in denars	56.58	50.74	43.64	42.46	35.39	36.60	33.86	31.17	32.72	30.01	33.07	30.31	27.71	31.34	29.72	27.09	31.28	31.43	31.11	33.67	29.92	25.32			
<b>2. By maturity</b>		8.44	3.87	6.26	17.59	15.38	17.94	17.04	16.84	33.59	31.10	32.88	37.10	39.05	41.59	40.26	40.62	41.19	38.80	36.18	38.35	39.93	37.26		
2.1. short-term	49.93	38.54	36.68	34.22	32.49	40.81	44.25	44.12	46.42	44.54	44.80	44.27	44.32	45.77	45.47	43.01	42.39	40.69	39.90	40.36	36.46	33.04			
<b>3. By sector</b>		62.42	41.56	39.31	37.04	36.24	42.72	45.62	49.20	56.56	56.37	56.05	58.95	58.87	57.70	56.00	54.51	51.74	49.50	47.59	46.29	42.40	37.46		
3.1. households	15.59	12.73	14.30	21.86	19.91	25.15	25.69	23.81	32.82	29.72	30.93	31.82	33.03	36.34	35.99	34.71	36.16	34.25	32.96	35.51	34.95	32.91			
3.2. enterprises	-35.98	20.44	-34.69	-23.93	-58.67	-36.36	12.50	30.34	238.27	199.05	246.08	171.30	188.89	188.07	159.02	172.41	28.31	31.50	29.56	16.29	28.53	28.03			

Source: NBRM.



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Table 13

Monetary aggregates and components thereof (non-government sector)  
in millions of denars

	XII.03	XII.04	XII.05	2006				2007				2008												
				III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
<b>1. Currency in circulation</b>	14177	14162	14439	13700	14580	14810	16206	15034	15844	16746	17936	16419	16237	15746	16347	16408	16180	16763	16376	16552	16608	15856	17629	
<b>2. Demand Deposits</b>	13096	13433	15224	14262	16188	17280	18541	19220	20475	22602	27822	26606	27658	26874	27962	29699	31189	29316	31248	31064	29990	30751	34254	
<b>3. (1+2) Money supply M1</b>	27273	27595	29663	27962	30768	32090	34747	34254	36319	39348	45758	43025	43895	42620	44309	46107	47369	46079	47624	47616	46598	46607	51883	
<b>4. Short-term deposits</b>	48755	61291	73471	78645	80877	85862	93747	100496	110390	112102	119099	122090	123231	123262	125396	126731	127978	131398	133488	133213	130250	124089	124004	
4.1. in denars	15568	20483	24364	27889	28062	30638	36317	40511	48389	50045	55057	56108	56458	55902	56577	56676	57007	58732	58566	57662	57329	50665	49031	
4.2. in foreign currency	33187	40808	49107	50756	52815	55224	57430	59985	62001	62057	64042	65982	66773	67360	68819	70055	70971	72666	74922	75551	72921	73424	74973	
<b>5. (3+4.1.) Money supply M2 - Denar</b>	42841	48078	54027	55851	58830	62728	71064	74765	84708	89393	100815	99133	100353	98522	100886	102783	104376	104811	106190	105278	103927	97272	100914	
<b>6. (5+4.2.) Money supply M2 - total</b>	76028	88886	103134	106607	111645	117952	128494	134750	146709	151450	164857	165115	167126	165882	169705	172838	175347	177477	181112	180829	176848	170696	175887	
<b>7. Long-term deposits</b>	4785	5061	5040	5305	5688	5917	6637	6723	8443	9411	10174	10173	10925	11447	12133	12966	13077	13595	14558	15220	16877	17870	18406	
7.1. in denars	3497	3360	3057	3123	3255	3243	3629	3749	4888	5498	5670	5785	5976	6378	6678	7122	7454	7794	7955	8307	9000	9472	9449	
7.2. in foreign currency	1288	1701	1983	2182	2433	2674	3008	2974	3555	3913	4504	4388	4949	5069	5455	5844	5623	5801	6603	6913	7877	8398	8957	
<b>8. (6+7) Money supply M4 - total</b>	80813	93947	108174	111912	117333	123869	135131	141473	155152	160861	175031	175288	178051	177329	181838	185804	188424	191072	195670	196049	193725	188566	194293	
annual growth rates																								
<b>1. Currency in circulation</b>	-0.11	1.96	3.73	8.89	9.79	12.24	9.74	8.67	13.07	10.68	13.02	8.35	4.74	5.25	6.83	2.12	0.54	-0.02	-1.16	0.20	-2.66	-1.71		
<b>2. Demand Deposits</b>	2.57	13.33	3.79	17.71	19.87	21.79	34.76	26.48	30.80	50.06	47.35	49.93	39.82	38.58	44.20	52.33	38.00	37.83	37.44	36.37	30.86	23.12		
<b>3. Money supply M1</b>	1.18	7.49	3.76	13.36	14.99	17.14	22.50	18.04	22.62	31.69	32.05	31.29	24.42	24.09	28.24	30.42	21.53	21.95	21.01	20.83	17.14	13.39		
<b>4. Short-term deposits</b>	25.71	19.87	19.46	12.65	24.67	27.60	27.78	36.49	30.56	27.04	26.94	24.42	22.65	20.32	18.52	15.93	17.08	19.19	18.83	13.92	6.31	4.12		
4.1. in denars	31.57	18.95	19.51	6.56	47.78	49.06	45.26	72.44	63.34	51.60	50.44	43.68	37.99	29.94	24.16	17.81	19.00	20.92	15.22	8.60	-6.28	-10.95		
4.2. in foreign currency	22.96	20.34	19.44	16.17	14.71	16.95	18.18	17.39	12.37	11.51	12.05	11.75	12.29	13.42	14.31	14.47	15.57	17.87	21.74	18.48	17.18	17.07		
<b>5. Money supply M2 - denar</b>	12.22	12.37	11.07	10.01	28.97	31.53	33.87	43.99	42.51	41.87	41.87	37.99	31.78	27.30	25.96	23.22	20.10	21.38	17.77	13.76	3.65	0.10		
<b>6. Money supply M2 - total</b>	16.91	16.03	14.90	12.84	21.88	24.59	26.40	31.41	28.40	28.30	28.23	26.15	23.10	21.28	20.96	19.52	18.20	19.90	19.40	15.66	9.06	6.69		
<b>7. Long-term deposits</b>	5.77	-0.41	14.23	16.03	21.47	31.69	26.73	48.44	59.05	53.29	56.53	62.19	70.27	60.83	55.15	54.89	50.02	60.81	61.73	78.88	85.30	80.91		
7.1. in denars	-3.92	-9.02	0.39	5.24	3.61	18.71	20.04	50.17	69.53	56.24	61.05	62.00	70.13	48.86	52.05	52.50	50.84	48.50	51.09	75.64	82.65	66.65		
7.2. in foreign currency	32.07	16.58	42.34	34.49	53.59	51.69	36.30	46.12	46.34	49.73	50.95	62.42	70.44	78.38	59.11	58.17	48.93	78.65	76.67	82.72	88.38	98.87		
<b>8. Money supply M4 - total</b>	16.25	15.14	14.87	12.99	21.86	24.92	26.41	32.23	29.86	29.53	29.59	27.90	25.34	23.31	22.85	21.44	20.01	22.22	21.87	19.34	13.49	11.00		

Source: NBRM.





Total claims on deposit money banks  
in millions of denars

I. NON-GOVERNMENT SECTOR												
- Other												
Period	Credits				Securities		Overdue and doubtful and contested claims		Other placements			
	By currency		By maturity		By maturity		By currency		By maturity			
	In denars	In foreign currency	Short-term	Long-term	Short-term	Long-term	In denars	In foreign currency	Short-term	Long-term		
XII.03	23	156	83	96	0	0	5	30	0	0		
XII.04	32	93	37	88	0	0	4	11	0	0		
XII.05	60	8	53	15	0	0	95	2	0	0		
2006 III	51	5	44	12	0	0	37	3	0	0		
VI	26	2	19	9	0	0	59	1	0	0		
IX	20	1	14	7	0	0	59	1	0	0		
XII	49	0	43	6	0	0	54	2	0	0		
2007 I	47	0	42	5	0	0	54	1	0	0		
II	47	0	42	5	0	0	67	1	0	0		
III	48	4	6	46	0	0	54	2	0	0		
IV	48	4	9	43	0	0	54	3	0	0		
V	56	4	9	51	0	0	54	2	5	0		
VI	54	4	9	49	0	0	54	3	0	0		
VII	118	8	13	113	0	0	144	3	0	0		
VIII	115	8	13	110	0	0	147	3	0	0		
IX	114	8	13	109	0	0	150	2	0	0		
X	109	8	12	105	0	0	185	4	0	0		
XI	110	15	12	113	0	0	188	5	0	0		
XII	103	15	7	111	0	0	190	5	0	0		
2008 I	102	16	8	110	0	0	192	38	5	0		
II	100	15	8	107	0	0	195	2	0	0		
III	95	16	6	105	0	0	198	2	0	0		
IV	92	16	5	103	0	0	202	4	0	0		
V	91	16	8	99	0	0	205	3	0	0		
VI	90	16	9	97	0	0	206	4	0	0		
VII	120	15	21	114	0	0	210	3	0	0		
VIII	120	15	21	114	0	0	212	2	9	0		
IX	120	15	21	114	0	0	214	4	0	0		
X	118	15	19	114	0	0	219	5	0	0		
XI	174	14	76	112	0	0	219	3	0	0		
XII	162	14	64	112	0	0	223	3	0	0		
II. GOVERNMENT												
Period	Credits				Securities		Overdue and doubtful and contested claims		Other placements			
	By currency		By maturity		By currency							
	In denars	In foreign currency	Short-term	Long-term	Short-term	Long-term						
XII.03	0	2	0	2	0	6706	0					
XII.04	151	7	151	7	539	6460	0					
XII.05	3	80	11	72	790	6322	0					
2006 III	204	85	162	127	3393	6330	0					
VI	289	86	250	125	4821	6207	0					
IX	125	139	89	175	6703	6146	0					
XII	228	129	206	151	7103	6024	0					
2007 I	250	127	229	148	6828	5967	0					
II	265	123	243	145	7151	6123	0					
III	228	119	151	196	7990	6096	0					
IV	177	119	104	192	8963	6002	0					
V	153	114	83	184	9869	5996	0					
VI	134	113	67	180	10872	5877	0					
VII	112	150	51	211	10895	5739	0					
VIII	91	167	32	226	11741	5701	0					
IX	80	173	26	227	8138	5781	0					
X	71	210	20	261	6814	5899	0					
XI	67	232	14	285	6458	6305	0					
XII	63	255	12	306	6530	6170	0					
2008 I	59	231	15	275	6048	6182	0					
II	56	258	16	298	4624	6165	0					
III	51	258	21	288	4205	6038	0					
IV	48	278	22	304	3322	5959	0					
V	43	271	18	296	2136	6022	0					
VI	40	280	18	302	1642	5758	0					
VII	61	279	22	318	1405	5761	0					
VIII	61	306	25	342	1426	5785	0					
IX	62	308	35	335	1641	5783	0					
X	64	315	44	335	1746	6044	0					
XI	66	313	45	334	2282	5907	0					
XII	68	305	48	325	3362	5803	0					

Source: NBRM.





Total claims on deposit money banks  
in millions of denars

Period	Deposits												Other Denar credit liabilities		
	In denars						In foreign currency						Securities		Other Denar credit liabilities
	demand deposits	sight deposits	with maturity up to 3 months	with maturity over 3 months up to 1 year	with maturity over 1 year	restricted deposits	sight deposits	with maturity up to 1 year	with maturity over 1 year	restricted deposits	short-term	long-term	up to 1 year	over 1 year	
<b>I. NON-GOVERNMENT SECTOR</b>															
- Other															
XII.03	1799	0	202	171	111	78	141	0	10	0	0	0	0	0	905
XII.04	1672	0	172	167	31	134	281	0	3	0	0	0	0	4	921
XII.05	1891	0	446	192	26	136	261	0	0	0	0	0	0	0	807
2006 III	1750	0	345	206	24	137	197	0	0	0	0	0	0	0	762
VI	2133	0	475	241	86	140	210	0	0	0	0	0	0	0	756
IX	2285	0	263	256	125	142	328	0	0	0	0	0	0	0	737
XII	1951	0	274	303	171	165	273	0	0	0	0	0	0	0	1072
2007 I	1831	0	271	321	175	165	275	0	0	0	0	0	0	0	1061
II	1867	0	289	301	185	164	262	0	0	0	0	0	0	0	1065
III	1903	0	249	329	214	166	219	0	0	0	0	0	0	0	1070
IV	1985	0	238	341	223	166	228	0	0	0	0	0	0	0	1061
V	1938	0	221	370	232	167	244	0	0	0	0	0	0	0	1066
VI	2017	0	219	372	309	167	232	0	0	0	0	0	0	0	1078
VII	2084	0	212	373	322	168	228	0	0	0	0	0	0	0	1064
VIII	2279	0	218	362	341	168	214	0	0	0	0	0	0	0	1051
IX	2373	0	209	398	357	170	193	0	0	0	0	0	0	0	1031
X	2240	0	227	411	410	171	181	0	0	0	0	0	0	0	1337
XI	2430	0	1354	412	499	171	215	0	0	0	0	0	0	0	1341
XII	2115	0	957	419	629	177	225	0	0	0	0	0	0	0	1312
2008 I	2195	0	975	398	714	177	228	0	0	0	0	0	0	0	1286
II	2110	0	962	428	786	178	203	0	0	0	0	0	0	0	1299
III	2011	0	959	435	855	179	213	0	0	0	0	0	0	0	1172
IV	2033	0	544	400	947	179	186	0	0	0	0	0	0	0	1222
V	2005	0	519	385	1160	180	181	0	0	0	0	0	0	0	1304
VI	2111	0	504	399	1213	187	177	0	0	0	0	0	0	0	1348
VII	1906	0	279	445	1212	134	201	0	0	0	0	0	0	0	1397
VIII	2091	0	287	443	1282	9	252	0	0	0	0	0	0	0	1468
IX	2079	0	344	445	1376	9	323	0	0	0	0	0	0	0	1481
X	1996	0	314	446	1522	9	296	0	307	0	0	0	0	0	1503
XI	2026	0	326	449	1540	9	273	0	307	0	0	0	0	0	1555
XII	2332	0	309	480	1639	9	362	0	307	0	0	0	0	0	1589
<b>II. GOVERNMENT</b>															
XII.03	936	0	372	166	156	0	25							0	0
XII.04	335	0	379	324	104	0	27							0	0
XII.05	371	0	539	150	48	0	1							0	0
2006 III	469	0	502	257	48	0	0							0	0
VI	433	0	433	261	48	0	0							0	0
IX	329	0	434	156	49	0	1							0	0
XII	689	0	362	98	49	0	1							0	0
2007 I	519	0	353	95	49	0	1							0	0
II	589	0	352	105	50	0	1							0	0
III	1027	0	351	111	50	0	1							0	0
IV	456	0	452	111	50	0	1							0	0
V	530	0	415	81	50	0	0							0	0
VI	545	0	444	87	50	0	0							0	0
VII	532	0	370	84	50	0	0							0	0
VIII	505	0	368	88	50	0	0							0	0
IX	516	0	389	88	51	0	0							0	0
X	612	0	353	90	51	0	0							0	0
XI	501	0	317	91	51	0	1							0	0
XII	443	0	323	85	113	0	1							0	0
2008 I	526	0	776	79	113	0	2							0	0
II	589	0	771	79	113	0	2							2	0
III	590	0	684	148	113	0	1							2	0
IV	513	0	762	142	103	0	1							2	0
V	537	0	737	142	104	0	0							2	0
VI	493	0	1007	132	97	0	1							2	0
VII	1709	0	793	132	97	0	1							21	0
VIII	574	0	775	126	97	0	1							21	0
IX	411	0	815	56	97	0	1							36	0
X	509	0	735	49	89	0	1							36	0
XI	459	0	843	58	89	0	2							36	0
XII	804	0	818	58	90	0	2							36	0

Source: NBRM.



Table 16

Report on weighted interest rates on deposits and borrowings  
in %, on annual level

	2005 XII	2006				2007				2008										
		III	VI	IX	XII	III	VI	IX	XII	I	II	III	IV	V	VI	VII	VIII	IX	X	XI
<b>A. DENAR INTEREST RATES</b>																				
<b>1. INTEREST RATES ON DENAR CREDITS</b>	<b>12.1</b>	<b>11.6</b>	<b>11.3</b>	<b>11.0</b>	<b>10.7</b>	<b>10.5</b>	<b>10.2</b>	<b>10.0</b>	<b>9.9</b>	<b>9.8</b>	<b>9.7</b>	<b>9.7</b>	<b>9.6</b>	<b>9.6</b>	<b>9.7</b>	<b>9.6</b>	<b>9.6</b>	<b>9.7</b>	<b>9.8</b>	<b>9.8</b>
<b>1.1. Interest rates on credits without FX clause</b>	<b>12.6</b>	<b>11.9</b>	<b>11.6</b>	<b>11.2</b>	<b>10.9</b>	<b>10.8</b>	<b>10.5</b>	<b>10.2</b>	<b>10.2</b>	<b>10.1</b>	<b>10.1</b>	<b>10.1</b>	<b>10.0</b>	<b>10.2</b>	<b>10.2</b>	<b>10.3</b>	<b>10.3</b>	<b>10.4</b>	<b>10.5</b>	<b>10.5</b>
<i>Interest rates on short-term credits without FX clause</i>	11.4	10.6	10.3	9.9	9.9	9.4	9.1	8.9	8.8	8.8	8.7	8.6	8.7	8.9	8.9	9.0	8.9	9.1	9.2	9.2
- on short-term credits on enterprises	10.7	10.0	9.8	9.4	9.5	9.5	9.1	8.8	8.6	8.5	8.5	8.5	8.5	8.7	8.7	8.8	8.7	8.8	9.0	9.0
- on short-term credits on households	19.4	18.4	17.7	17.2	16.9	17.1	16.3	14.9	13.4	13.2	13.1	12.3	12.2	12.2	12.3	12.5	12.6	13.4	13.3	13.5
<i>Interest rates on long-term credits without FX clause</i>	13.5	13.0	12.8	12.3	11.7	11.4	11.3	11.1	11.3	11.3	11.2	11.2	11.3	11.2	11.3	11.4	11.4	11.5	11.7	11.7
- on long-term credits on enterprises	10.0	9.2	9.2	8.6	8.4	8.5	8.2	8.1	8.4	8.4	8.4	8.4	8.4	8.6	8.6	8.6	8.7	8.8	8.8	8.8
- on long-term credits on households	15.3	15.0	15.0	14.8	14.3	13.9	13.7	13.4	13.3	13.2	13.1	13.0	13.1	12.9	12.9	13.0	13.0	13.1	13.3	13.4
<b>1.2. Interest rates on credits with FX clause</b>	<b>11.1</b>	<b>11.0</b>	<b>10.7</b>	<b>10.7</b>	<b>10.3</b>	<b>10.2</b>	<b>9.8</b>	<b>9.7</b>	<b>9.5</b>	<b>9.4</b>	<b>9.3</b>	<b>9.2</b>	<b>9.1</b>	<b>9.0</b>	<b>9.0</b>	<b>8.9</b>	<b>8.9</b>	<b>9.0</b>	<b>9.1</b>	<b>9.1</b>
<i>Interest rates on short-term credits with FX clause</i>	9.0	8.4	8.2	8.2	8.1	7.8	7.7	7.3	7.2	7.2	7.2	7.2	7.2	7.4	7.3	7.3	7.7	7.7	7.5	7.4
- on short-term credits on enterprises	9.1	8.7	8.4	8.3	8.3	8.0	7.9	7.4	7.2	7.2	7.2	7.2	7.2	7.4	7.4	7.4	7.8	7.5	7.4	7.4
- on short-term credits on households	8.1	7.1	7.1	7.5	7.0	6.8	6.3	6.6	7.1	7.1	7.3	7.1	7.2	7.2	7.2	6.9	6.9	9.1	7.3	7.4
<i>Interest rates on long-term credits with FX clause</i>	11.5	11.4	11.0	11.0	10.6	10.4	10.0	9.9	9.6	9.5	9.4	9.3	9.2	9.2	9.1	9.1	9.0	9.0	9.1	9.2
- on long-term credits on enterprises	11.0	10.9	10.6	10.6	10.4	10.2	9.6	9.5	9.3	9.1	9.0	8.9	8.9	8.9	8.8	8.7	8.7	8.7	9.1	9.0
- on long-term credits on households	11.9	11.7	11.3	11.1	10.8	10.5	10.3	10.1	9.8	9.8	9.7	9.6	9.5	9.4	9.3	9.2	9.2	9.4	9.4	9.4
<b>2. INTEREST RATES ON DENAR DEPOSITS</b>	<b>5.6</b>	<b>5.0</b>	<b>4.3</b>	<b>4.6</b>	<b>4.4</b>	<b>4.8</b>	<b>4.8</b>	<b>5.0</b>	<b>5.3</b>	<b>5.4</b>	<b>5.5</b>	<b>5.6</b>	<b>5.5</b>	<b>5.7</b>	<b>5.8</b>	<b>5.9</b>	<b>6.0</b>	<b>6.1</b>	<b>6.2</b>	<b>6.5</b>
<b>2.1. Interest rates on Denar deposits without FX clause</b>	<b>5.7</b>	<b>5.1</b>	<b>4.3</b>	<b>4.8</b>	<b>4.5</b>	<b>4.9</b>	<b>4.9</b>	<b>5.3</b>	<b>5.6</b>	<b>5.7</b>	<b>5.9</b>	<b>5.9</b>	<b>6.0</b>	<b>6.1</b>	<b>6.2</b>	<b>6.3</b>	<b>6.4</b>	<b>6.5</b>	<b>6.7</b>	<b>6.8</b>
<i>Interest rates on Denar deposits without FX clause on enterprises</i>	7.2	5.6	3.8	4.5	3.4	4.2	4.4	4.9	5.4	5.3	5.4	5.5	5.5	5.6	5.8	6.0	6.0	6.0	6.1	6.2
- on sight deposits	0.6	0.5	0.6	0.4	0.7	0.4	2.7	2.9	2.3	2.3	3.3	3.5	3.0	2.4	1.1	1.4	1.3	1.4	1.3	1.5
- on short-term deposits	7.3	5.6	3.7	4.5	3.4	4.3	4.5	5.1	5.4	5.3	5.4	5.4	5.4	5.5	5.8	5.9	5.9	6.0	6.0	6.0
- on long-term deposits	7.3	7.0	6.8	6.5	6.7	6.4	2.9	3.6	7.5	7.4	7.5	7.6	7.5	7.6	8.4	8.5	8.6	8.6	8.6	8.6
<i>Interest rates on Denar deposits without FX clause on households</i>	4.8	4.7	4.6	4.9	5.0	5.2	5.2	5.4	5.7	5.9	6.0	6.1	6.0	6.1	6.2	6.4	6.5	6.6	7.0	
- on sight deposits	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0
- on short-term deposits	7.0	6.7	6.6	6.6	6.7	6.8	6.8	6.9	6.9	7.1	7.1	7.2	7.1	7.2	7.2	7.3	7.4	7.4	7.8	7.9
- on long-term deposits	8.0	8.0	8.0	8.1	8.0	7.9	8.2	8.1	8.3	8.2	8.2	8.1	8.3	8.4	8.5	8.6	8.6	8.9	9.0	9.1
<b>2.2. Interest rates on Denar credits with FX clause</b>	4.4	4.4	4.9	3.5	3.4	3.6	3.7	3.4	3.9	3.8	3.8	3.9	4.1	4.2	4.5	4.5	4.4	5.1	5.1	5.0
<i>Interest rates on Denar deposits with FX clause on enterprises</i>	4.4	4.4	4.9	3.5	3.3	3.5	3.6	3.3	3.9	3.7	3.8	3.9	4.0	4.2	4.5	4.4	4.4	5.1	5.1	5.0
- on short-term deposits	4.5	4.4	4.9	3.4	3.2	3.5	3.6	3.3	3.9	3.7	3.8	3.9	4.0	4.2	4.5	4.5	4.4	5.1	5.1	5.0
- on long-term deposits	3.7	4.9	4.9	5.8	5.8	3.4	3.9	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.4	4.3
<i>Interest rates on Denar deposits with FX clause on households</i>						8.8	8.9	8.9	8.4	8.3	8.2	8.2	8.2	8.5	8.5	9.2	9.2	9.2	8.8	9.2
- on short-term deposits						8.8	8.9	8.9	8.4	8.3	8.1	8.1	8.1	8.2	8.2	8.9	8.9	8.9	8.2	8.9
- on long-term deposits									8.0	8.0	9.0	9.0	9.9	9.9	9.9	9.9	9.9	9.9	9.9	

Source: NBRM.





Table 17  
Interest rates of the National Bank of the Republic of Macedonia  
in %

Period	Discount rate	Lending interest rates - creating liquidity		Deposit interest rates - withdrawing liquidity	
		Over night credits-Lombard credit	Auction repo-transactions*	CB bills - basic maturity**	volume tender
2003 XII	6.5	14.0			6.2
2004 I	6.5	14.0			6.8
II	6.5	14.0		7.5	
III	6.5	14.0		8.0	
IV	6.5	14.0		8.0	
V	6.5	14.0		8.0	
VI	6.5	14.0		8.0	
VII	6.5	11.0		8.0	
VIII	6.5	11.0		8.3	
IX	6.5	11.0		8.6	
X	6.5	11.0		9.0	
XI	6.5	11.0		9.7	
XII	6.5	13.0		10.0	
2005 I	6.5	13.0		10.0	
II	6.5	13.0		10.0	
III	6.5	13.0		10.0	
IV	6.5	13.0		10.0	
V	6.5	13.0		10.0	
VI	6.5	13.0		10.0	
VII	6.5	13.0		10.0	
VIII	6.5	13.0		10.0	
IX	6.5	13.0		10.0	
X	6.5	13.0			10.0
XI	6.5	13.0			9.1
XII	6.5	13.0			8.5
2006 I	6.5	13.0			7.3
II	6.5	11.0			7.1
III	6.5	11.0			6.8
IV	6.5	11.0			6.2
V	6.5	11.0			5.7
VI	6.5	9.5			5.8
VII	6.5	9.5			5.6
VIII	6.5	9.5			5.5
IX	6.5	9.5			5.4
X	6.5	9.5			5.5
XI	6.5	9.5			5.7
XII	6.5	9.5			5.7
2007 I	6.5	9.5			5.7
II	6.5	9.5			5.4
III	6.5	9.5			5.3
IV	6.5	9.5			5.1
V	6.5	9.5			5.0
VI	6.5	7.5			4.9
VII	6.5	7.5			5.1
VIII	6.5	7.5			5.1
IX	6.5	7.5			4.8
X	6.5	7.5			4.8
XI	6.5	7.5			4.7
XII	6.5	7.5			4.8
2008 I	6.5	7.5			4.9
II	6.5	7.5			5.2
III	6.5	7.5			5.9
IV	6.5	7.5			6.0
V	6.5	7.5			6.8
VI	6.5	8.5			7.0
VII	6.5	8.5			7.0
VIII	6.5	8.5			7.0
IX	6.5	8.5			7.0
X	6.5	8.5			7.0
XI	6.5	8.5			7.0
XII	6.5	8.5			7.0

\* The auction repo-transactions are introduced in December and they represent replacement of the auctions of credits, which were used for the last time in 2000.

\*\* 28 days

Source: NBRM.





Table 19  
Interest rates on government securities  
in %

Period	3 months	6 months	12 months	2 years	3 years
2004	I 7.5				
	II 7.4				
	III 8.8				
	IV 8.9				
	V 8.3				
	VI 8.4				
	VII 8.4				
	VIII 8.4				
	IX 8.5				
	X 8.9				
	XI 9.2	9.5			
	XII 9.2	10.4			
2005	I 9.3	10.8			
	II 10.0	10.8			
	III 10.5	11.2			
	IV 10.4	9.8			
	V 10.8	10.5			
	VI 10.4	10.5	11.1		
	VII 10.4	10.6			
	VIII 10.5	10.9			
	IX 10.3	11.2			
	X 9.8	10.1			
	XI 8.9	9.9		10.0	
	XII 8.0	8.8	9.6		
2006	I 7.2	7.6			
	II 7.0	7.1			
	III 6.8	7.3	8.6		
	IV 6.4	6.8		9.4	
	V 6.1	7.1			
	VI 6.5	6.9	8.7		
	VII 6.2	6.7			
	VIII 6.0	6.6			
	IX 6.0	7.0	8.7		
	X 6.2	6.9		9.3	
	XI 6.1	6.8			9.6
	XII 6.3	7.0	8.9		
2007	I 6.5	6.8	8.8		
	II 6.4	6.8		8.9	
	III 6.4	7.0	8.4		8.0
	IV 6.4	6.8			
	V 6.2	6.6		5.7	
	VI 5.4	5.5	5.8		
	VII 5.4	5.6			
	VIII 5.4	5.5			
	IX 3.7		5.1		
	X 5.1	5.4			
	XI 5.2	5.4		6.5	
	XII 4.8				
2008	I 5.1	5.4	5.7		
	II 5.1	5.3		6.3	
	III 5.8	5.6	6.5		6.8
	IV 6.1	6.3		7.0	
	V 6.7	6.3			
	VI 7.1	7.2	7.3		8.0
	VII 7.3	7.3	7.9		8.0
	VIII 7.4	7.8		8.3	
	IX 7.4	7.7	8.0		8.4
	X 7.6	7.9		8.3	
	XI 7.6	7.7			
	XII 7.5	7.8	7.0		

Source: NBRM.



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Table 20  
Republic of Macedonia: balance of payments /1  
in USD Million

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
<b>I. Current Account</b>	-82.5	-262.9	-298.9	-339.8	-286.6	-278.8	-65.3	-97.6	-236.1	-377.6	-184.1	-452.8	-157.9	-56.4	-596.8	-1,209.5
GOODS, net	42.8	-184.9	-222.8	-314.7	-386.3	-515.6	-495.9	-690.8	-526.7	-805.6	-851.0	-1,139.0	-1,063.0	-1,285.0	-1,629.7	-2,551.8
Exports, f.o.b.	1,055.3	1,086.3	1,204.0	1,147.4	1,236.8	1,291.5	1,190.0	1,320.7	1,155.4	1,112.1	1,362.7	1,674.9	2,040.6	2,396.3	3,349.5	3,970.9
Imports, f.o.b. /2	-1,012.5	-1,271.3	-1,426.8	-1,462.1	-1,623.1	-1,807.1	-1,685.9	-2,011.6	-1,682.2	-1,917.7	-2,213.7	-2,813.8	-3,103.6	-3,681.2	-4,979.2	-6,522.7
SERVICES, net	-154.5	-155.1	-200.5	-156.2	-137.8	-59.8	38.9	48.7	-19.2	-22.1	-6.6	-54.4	-33.6	28.3	35.0	2.2
Inflow	84.0	172.0	185.2	154.3	138.1	149.3	272.8	316.7	244.6	253.1	380.3	452.5	515.5	601.2	818.1	1,011.6
Outflow	238.5	327.1	385.7	310.4	275.8	209.1	234.0	268.0	263.8	275.3	386.9	506.9	549.1	573.0	783.1	1,009.4
INCOME, net	-56.7	-46.6	-39.6	-51.3	-54.5	-52.3	-71.8	-64.5	-28.0	-44.3	-62.4	-39.2	-113.5	-36.6	-385.0	-108.2
Inflow	4.3	10.0	20.8	22.8	17.5	23.6	24.2	41.6	52.6	50.8	60.4	84.6	97.5	134.9	213.1	272.7
Outflow	61.0	56.6	60.4	74.2	72.0	75.8	96.1	106.2	80.5	95.2	122.8	123.8	211.0	171.6	598.1	380.9
CURRENT TRANSFERS, net	85.8	123.7	163.9	182.3	292.0	348.9	463.6	609.0	337.8	494.4	735.9	779.7	1,052.2	1,237.0	1,383.0	1,448.3
Inflow	115.0	197.0	293.5	341.3	433.3	541.4	618.4	782.1	720.6	655.0	910.4	1,028.8	1,237.7	1,437.0	1,744.4	1,985.6
Outflow	29.2	73.3	129.5	158.9	141.3	192.5	154.8	173.1	382.8	160.6	174.5	249.1	185.5	200.0	361.4	537.4
<b>II. Capital and Financial Account</b>	-12.9	162.3	280.6	318.2	349.6	296.3	-91.4	40.2	236.6	388.0	218.3	434.1	165.5	48.5	638.8	1,209.5
CAPITAL ACCOUNT, net	0.0	30.0	1.7	0.0	0.0	-1.8	0.0	0.3	1.4	8.3	-6.7	-4.6	-2.0	-1.1	4.9	-18.4
FINANCIAL ACCOUNT, net	-12.9	132.3	278.9	318.2	349.6	298.1	-91.4	39.9	235.2	379.7	225.0	438.7	167.5	49.7	633.9	1,227.9
Direct investment, net	0.0	24.0	9.5	11.2	58.0	150.5	88.1	215.7	446.3	105.5	117.5	321.9	94.2	424.0	700.2	612.0
Inward direct investment	0.0	24.0	9.5	11.2	58.1	150.5	88.4	215.1	447.1	105.6	117.8	323.0	97.0	424.2	699.1	598.5
Outward direct investment	0.0	0.0	0.0	0.0	-0.1	0.0	-0.3	0.6	-0.9	-0.1	-0.3	-1.2	-2.8	-0.2	1.1	13.6
Portfolio investment, net	0.0	0.0	2.7	0.3	1.3	0.0	0.0	-0.1	0.4	0.3	5.5	12.5	237.9	92.9	155.6	-72.5
Assets	0.0	0.0	1.4	-0.5	1.7	0.3	0.0	0.0	0.0	0.3	0.1	0.2	0.1	0.1	-2.3	-1.1
Liabilities	0.0	0.0	1.3	0.8	-0.4	-0.4	0.0	-0.1	0.4	0.1	5.3	12.4	237.8	92.8	157.9	-71.3
Other investment, net	44.0	150.2	367.4	300.8	294.1	200.9	-36.2	88.8	-134.4	134.2	153.0	123.7	250.5	-91.4	-78.8	641.2
Assets	32.0	34.7	39.9	77.7	-66.1	-59.1	-184.0	-63.7	-109.0	227.7	58.3	82.3	-97.9	-234.8	-81.3	303.3
Liabilities	12.0	115.5	327.5	223.1	360.3	260.0	147.8	152.6	-25.4	-93.4	134.7	116.3	296.8	58.6	2.5	337.9
Gross official reserves (- = increase) /3	-56.8	-41.9	-100.6	5.9	-3.8	-53.3	-143.3	-264.5	-77.0	139.7	-51.0	-19.5	-415.1	-375.8	-143.0	47.2
<b>III. Errors and Omissions</b>	95.4	100.6	18.3	21.6	-63.1	-17.5	156.7	57.4	-0.5	-10.4	-34.2	18.8	-7.6	7.8	-42.0	0.0

Source: National Bank of the Republic of Macedonia.

1/ Preliminary data.

2/ Imports data are on fob basis in accordance with IMF V Balance of Payments Manual

Calculation of cif / fob factor as % of imports cif equals: 1993-20%, 1994-20%, 1995-20%, 1996-14%, 1997-10%, 1998-5,02%, 1999-4,86%, 2000-3,9%, 2001-4,2%, 2002-3,8% 2003-4,06%, 2004 , 2005, 2006 and 2007-4,14%.

Imports for 2006 and 2007 have been additionally adjusted with time adjustments for imports of electricity.

3/ Excluding monetary gold and exchange rate differences.







Table 23

Republic of Macedonia: balance of payments - income  
in EUR Million

	Income, net	INCOME												
		1. Compensation of employees			Investment income, net	2.1. Direct investment			2.2. Portfolio investment			2.3. Other investment		
		Net	Inflow	Outflow		Net	Inflow	Outflow	Net	Inflow	Outflow	Net	Interest receipts	Interest payments
2003	-55.3	24.0	24.5	0.5	-79.3	-54.4	0.8	55.2	2.8	4.8	1.9	-27.7	23.2	50.9
2004	-33.2	40.6	41.7	1.1	-73.8	-56.3	0.3	56.7	3.4	2.2	-1.2	-20.8	23.6	44.5
2005	-91.5	44.9	46.3	1.4	-136.4	-113.1	0.5	113.5	-2.7	0.9	3.6	-20.7	31.3	52.0
2006	-28.4	53.1	54.9	1.8	-81.5	-48.2	0.4	48.7	-13.9	2.3	16.3	-19.4	49.6	69.0
2007	-277.7	75.1	77.0	1.8	-352.8	-337.7	1.8	339.5	2.9	9.4	6.6	-17.9	67.0	84.9
I	-10.3	5.3	5.5	0.2	-15.6	-15.7	0.0	15.7	0.3	0.3	0.0	-0.2	5.8	6.0
II	-11.9	4.9	5.0	0.1	-16.8	-15.4	0.0	15.4	0.3	0.3	0.0	-1.7	4.6	6.3
III	-9.5	5.8	6.0	0.1	-15.4	-16.1	0.0	16.1	0.8	0.9	0.0	-0.1	5.7	5.8
IV	-27.8	6.3	6.5	0.1	-34.1	-32.9	0.0	33.0	0.3	0.4	0.1	-1.5	5.6	7.1
V	-7.3	7.4	7.5	0.1	-14.7	-15.3	1.1	16.4	0.5	0.5	0.0	0.1	5.3	5.2
VI	-35.5	4.0	4.1	0.1	-39.4	-36.9	0.2	37.1	1.3	1.3	0.0	-3.8	6.1	9.9
VII	-41.5	7.5	7.6	0.1	-49.0	-49.9	0.2	50.0	0.9	1.0	0.0	0.0	5.3	5.3
VIII	-8.7	8.3	8.4	0.1	-17.0	-18.7	0.0	18.7	0.6	0.6	0.0	1.1	6.1	5.1
IX	-48.9	3.9	4.1	0.2	-52.8	-50.6	0.2	50.8	1.4	1.4	0.0	-3.6	6.6	10.1
X	-15.4	7.6	7.8	0.2	-23.0	-21.0	0.0	21.0	0.1	0.2	0.1	-2.2	4.9	7.0
XI	-37.4	9.1	9.3	0.2	-46.5	-46.8	0.1	46.9	0.5	0.5	0.0	-0.2	4.2	4.4
XII	-23.6	4.9	5.1	0.2	-28.6	-18.5	0.0	18.5	-4.1	2.0	6.1	-5.9	6.8	12.7
Q1	-31.7	16.1	16.5	0.4	-47.7	-47.2	0.1	47.2	1.5	1.5	0.1	-2.0	16.1	18.1
Q2	-70.5	17.7	18.1	0.4	-88.2	-85.2	1.3	86.4	2.1	2.2	0.2	-5.1	17.0	22.1
Q3	-99.1	19.7	20.2	0.5	-118.8	-119.1	0.4	119.5	2.9	3.0	0.1	-2.5	18.0	20.5
Q4	-76.4	21.7	22.2	0.5	-98.1	-86.3	0.1	86.4	-3.6	2.7	6.2	-8.3	15.9	24.1
2008	-93.4	92.6	95.9	3.3	-186.0	-184.5	2.3	186.8	44.7	52.1	7.4	-46.2	34.9	81.1
I	16.0	8.9	9.2	0.3	7.1	-3.4	0.0	3.4	9.7	9.7	0.0	0.7	6.9	6.2
II	6.8	8.3	8.5	0.2	-1.5	-2.2	0.0	2.2	2.6	2.6	0.0	-1.8	3.1	4.9
III	0.3	4.4	4.5	0.2	-4.0	-3.4	0.0	3.4	4.1	4.1	0.0	-4.7	2.6	7.4
IV	5.6	8.0	8.2	0.2	-2.4	-3.0	0.1	3.0	3.8	3.8	0.1	-3.2	2.4	5.5
V	3.8	6.7	7.0	0.2	-3.0	-4.2	0.3	4.5	3.0	3.1	0.0	-1.8	2.7	4.5
VI	-9.4	7.7	7.9	0.2	-17.1	-15.5	0.0	15.5	5.1	5.1	0.0	-6.8	2.7	9.5
VII	5.9	10.4	10.7	0.2	-4.6	-5.8	0.2	6.0	5.4	5.5	0.0	-4.3	2.5	6.8
VIII	2.9	3.4	3.7	0.4	-0.4	-1.5	1.1	2.6	3.3	3.3	0.0	-2.2	2.6	4.8
IX	-23.1	7.4	7.7	0.3	-30.5	-31.6	0.1	31.7	4.8	4.9	0.0	-3.7	3.5	7.2
X	-0.8	11.2	11.5	0.3	-12.0	-10.1	0.4	10.5	4.0	4.1	0.1	-5.8	2.5	8.2
XI	-98.6	3.3	3.7	0.3	-102.0	-101.4	0.0	101.4	2.9	3.0	0.0	-3.5	2.0	5.5
XII	-2.9	12.9	13.4	0.5	-15.8	-2.5	0.2	2.6	-4.0	2.9	7.0	-9.2	1.4	10.6
Q1	23.2	21.6	22.2	0.6	1.6	-9.0	0.0	9.0	16.4	16.5	0.1	-5.8	12.7	18.5
Q2	0.0	22.5	23.1	0.6	-22.5	-22.7	0.4	23.0	11.9	12.0	0.1	-11.7	7.8	19.5
Q3	-14.3	21.2	22.1	0.9	-35.5	-38.8	1.4	40.2	13.5	13.6	0.1	-10.2	8.6	18.8
Q4	-102.3	27.4	28.6	1.2	-129.7	-114.0	0.5	114.5	2.8	9.9	7.1	-18.5	5.8	24.3

Source: National Bank of the Republic of Macedonia.



Quarterly Report IV/2008

Table 24

Republic of Macedonia: balance of payments - current transfers  
in EUR Million

Current transfers, net	Net	CURRENT TRANSFERS																
		1. Official transfers						2. Private transfers										
		Inflow			Outflow			Remittances, net			Cash exchange, net		Other transfers, net					
		Total, inflow	Goods	Financial assets	Total, outflow	Goods	Financial assets	Net	Inflow	Outflow	Cash exchange inflow	Cash exchange outflow	Inflow	Outflow				
2003	646.1	89.4	92.9	24.2	68.7	3.5	1.5	2.1	556.7	115.2	128.9	13.6	347.0	467.1	120.1	94.5	110.7	16.2
2004	628.2	55.5	60.1	26.3	33.9	4.7	2.0	2.7	572.7	117.9	129.8	11.9	346.1	510.0	163.9	108.7	128.2	19.4
2005	853.3	53.4	60.9	28.2	32.8	7.6	4.0	3.5	799.9	125.3	136.6	11.3	546.9	662.1	115.1	127.7	143.0	15.3
2006	981.8	58.7	66.2	36.8	29.4	7.4	2.8	4.6	923.1	144.7	157.1	12.4	649.5	774.9	125.4	128.9	142.4	13.5
2007	1012.1	23.9	60.6	40.9	19.7	36.7	4.7	32.0	988.2	158.1	174.3	16.2	695.4	886.0	190.6	134.6	150.6	16.0
I	68.7	3.2	3.5	1.8	1.7	0.3	0.2	0.1	65.5	10.1	11.3	1.2	46.4	58.5	12.0	9.0	10.0	1.0
II	71.1	1.5	2.0	1.1	0.9	0.5	0.3	0.2	69.7	10.8	11.8	1.1	47.9	58.0	10.1	11.0	11.5	0.5
III	84.2	3.9	4.6	3.1	1.4	0.6	0.3	0.4	80.3	13.5	14.9	1.3	55.4	67.8	12.4	11.3	13.4	2.1
IV	89.6	5.4	6.5	5.2	1.2	1.1	0.4	0.7	84.2	12.0	13.3	1.3	61.1	73.2	12.1	11.1	12.1	1.0
V	89.6	5.9	6.5	4.8	1.7	0.6	0.4	0.1	83.7	14.2	15.4	1.1	59.2	74.6	15.4	10.3	11.2	0.9
VI	88.1	5.8	6.7	5.1	1.6	0.9	0.6	0.3	82.4	13.0	14.4	1.4	57.7	71.7	14.0	11.6	12.6	1.0
VII	119.7	5.2	5.6	4.1	1.5	0.4	0.2	0.1	114.5	14.8	16.1	1.3	87.6	102.4	14.7	12.1	13.9	1.8
VIII	113.1	2.2	3.8	2.4	1.4	1.6	0.6	1.0	110.9	14.1	15.4	1.3	87.1	102.1	15.0	9.7	10.9	1.2
IX	88.9	3.3	3.8	2.0	1.8	0.5	0.3	0.2	85.7	14.8	16.2	1.4	58.9	76.3	17.4	11.9	12.5	0.6
X	84.3	3.1	3.6	3.0	0.6	0.5	0.4	0.1	81.2	15.6	17.4	1.8	54.1	74.9	20.8	11.5	14.2	2.7
XI	70.7	8.1	9.1	6.4	2.7	0.9	0.2	0.8	62.5	12.5	14.1	1.6	38.8	60.6	21.7	11.2	12.7	1.6
XII	44.0	-23.6	5.1	1.9	3.2	28.8	0.7	28.0	67.6	12.6	14.0	1.4	41.1	66.0	24.9	13.9	15.5	1.6
Q1	224.1	8.6	10.0	6.0	4.0	1.4	0.8	0.6	215.5	34.4	38.0	3.6	149.7	184.2	34.5	31.4	34.9	3.6
Q2	267.4	17.1	19.6	15.1	4.5	2.5	1.4	1.1	250.3	39.3	43.1	3.8	178.1	219.5	41.5	33.0	35.9	2.9
Q3	321.8	10.7	13.2	8.5	4.7	2.5	1.1	1.3	311.1	43.7	47.7	4.0	233.6	280.8	47.2	33.7	37.3	3.6
Q4	198.9	-12.4	17.8	11.3	6.5	30.2	1.3	28.9	211.3	40.7	45.5	4.8	134.0	201.5	67.4	36.6	42.4	5.9
2008	978.9	47.9	61.0	41.0	20.1	13.1	6.0	7.1	931.0	161.6	180.9	19.2	630.6	948.3	317.7	138.8	156.3	17.5
I	60.1	0.5	4.7	4.0	0.7	4.1	1.3	2.8	59.6	10.3	12.5	2.3	39.8	56.7	16.9	9.5	10.6	1.1
II	58.9	4.4	5.2	3.7	1.5	0.7	0.3	0.4	54.5	11.2	12.8	1.6	33.4	55.8	22.4	9.9	11.5	1.7
III	56.5	2.7	3.3	2.4	1.0	0.6	0.3	0.3	53.8	13.2	14.5	1.4	30.9	58.7	27.8	9.8	11.3	1.6
IV	74.9	4.1	5.1	4.2	0.8	0.9	0.6	0.4	70.8	13.5	15.3	1.8	45.7	69.9	24.2	11.6	12.8	1.2
V	90.5	6.6	6.9	5.1	1.8	0.3	0.3	0.1	83.9	14.0	15.4	1.4	57.9	77.4	19.5	12.0	13.3	1.2
VI	93.6	10.8	11.6	2.9	8.7	0.8	0.4	0.4	82.8	14.0	15.3	1.2	56.5	79.4	22.8	12.3	13.9	1.6
VII	119.9	5.1	5.8	4.6	1.1	0.6	0.4	0.2	114.8	15.5	17.0	1.5	87.0	114.6	27.7	12.3	13.8	1.6
VIII	113.8	3.4	4.1	2.8	1.3	0.6	0.4	0.2	110.3	12.9	14.2	1.3	86.0	107.8	21.9	11.5	12.8	1.3
IX	101.5	2.3	3.4	2.8	0.6	1.1	0.7	0.4	99.2	15.7	17.3	1.7	71.9	97.2	25.4	11.7	13.6	1.9
X	89.2	2.0	3.2	2.4	0.8	1.1	0.4	0.7	87.2	16.1	18.0	1.9	58.9	93.5	34.5	12.2	13.7	1.5
XI	69.8	2.0	2.8	3.4	-0.6	0.8	0.4	0.4	67.8	12.0	13.7	1.7	44.9	66.5	21.7	10.9	12.1	1.2
XII	50.1	3.8	5.1	2.7	2.4	1.3	0.4	0.9	46.3	13.3	14.9	1.6	17.8	70.7	52.9	15.2	16.9	1.7
Q1	175.5	7.7	13.2	10.1	3.1	5.5	2.0	3.5	167.9	34.6	39.8	5.2	104.1	171.2	67.1	29.1	33.5	4.4
Q2	259.1	21.5	23.6	12.2	11.4	2.1	1.2	0.8	237.6	41.5	46.0	4.5	160.1	226.6	66.5	35.9	39.9	4.0
Q3	335.2	10.9	13.2	10.2	3.0	2.4	1.5	0.8	324.3	44.1	48.5	4.4	244.8	319.7	74.9	35.4	40.2	4.8
Q4	209.1	7.9	11.1	8.5	2.6	3.2	1.2	2.0	201.3	41.4	46.5	5.1	121.6	230.7	109.2	38.3	42.7	4.4

Source: National Bank of the Republic of Macedonia.













Table 30

International investment position of the Republic of Macedonia, as of the end of the period  
in USD Million

	2003	2004	2005	2006	2007
<b>International Investment Position, net</b>	<b>-1,999.0</b>	<b>-2,498.5</b>	<b>-2,333.9</b>	<b>-2,474.0</b>	<b>-3,527.7</b>
<b>Assets</b>	<b>1,868.5</b>	<b>2,162.2</b>	<b>2,455.8</b>	<b>3,256.5</b>	<b>3,946.3</b>
<i>Direct investment abroad</i>	42.0	54.2	62.1	39.7	67.6
Equity capital and reinvested earnings	35.7	43.9	43.6	37.7	51.6
Other capital	6.3	10.3	18.5	2.0	16.0
<i>Portfolio investment</i>	3.8	4.1	3.6	4.2	4.4
Equity securities	3.8	4.1	3.6	4.2	4.4
Banks	3.0	3.3	2.9	3.4	3.6
Other sectors	0.8	0.8	0.7	0.8	0.8
Debt securities	-	-	-	-	-
<i>Other investment</i>	929.3	1,128.6	1,065.4	1,346.9	1,634.7
Trade credits	194.3	267.2	299.0	441.8	652.7
Other sectors	194.3	267.2	299.0	441.8	652.7
Long-term	0.4	0.4	0.8	0.9	1.1
Short-term	193.9	266.8	298.2	441.0	651.6
Loans	25.5	27.4	26.0	2.3	3.9
Banks	24.0	25.7	25.6	2.0	1.1
Long-term	15.2	16.5	15.0	1.4	1.1
Short-term	8.8	9.2	10.6	0.5	-
Other sectors	1.5	1.7	0.4	0.3	2.8
Long-term	-	1.7	0.1	0.3	2.3
Short-term	1.5	-	0.2	-	0.5
Currency and deposits	706.0	827.7	733.3	868.4	936.4
Monetary authorities	41.4	16.2	15.5	23.6	25.3
Banks	664.6	811.5	717.8	844.8	911.2
Other assets	3.5	6.3	7.1	34.4	41.7
<i>Reserve assets</i>	893.4	975.3	1,324.7	1,865.8	2,239.6
<b>Liabilities</b>	<b>3,867.5</b>	<b>4,660.7</b>	<b>4,789.7</b>	<b>5,730.5</b>	<b>7,474.1</b>
<i>Direct investment in reporting economy</i>	1,614.7	2,190.6	2,086.9	2,763.8	3,739.4
Equity capital and reinvested earnings	1,477.0	1,858.5	1,863.5	2,454.0	3,271.4
Other capital	137.7	332.1	223.4	309.8	468.0
<i>Portfolio investment</i>	107.2	71.7	273.9	366.5	457.2
Equity securities	80.5	40.0	52.8	114.0	194.8
Banks	12.6	19.1	29.5	106.2	90.9
Other sectors	67.9	20.9	23.3	7.8	103.9
Debt securities	26.8	31.7	221.2	252.5	262.5
<i>Other investment</i>	2,145.6	2,398.5	2,428.9	2,600.2	3,277.5
Trade credits	398.2	485.6	457.0	486.2	854.5
Other sectors	398.2	485.6	457.0	486.2	854.5
Long-term	61.8	46.7	29.3	25.8	21.4
Short-term	336.4	438.9	427.6	460.4	833.1
Loans	1,657.2	1,814.4	1,852.2	1,853.3	1,991.9
Monetary authorities	68.4	62.5	62.1	55.8	-
General government	1,256.5	1,351.2	1,292.2	1,152.6	1,068.4
Banks	90.9	89.1	131.0	192.7	317.8
Long-term	80.0	78.4	128.3	192.7	293.6
Short-term	10.9	10.7	2.7	-	24.2
Other sectors	241.4	311.6	366.9	452.2	605.7
Long-term	219.9	293.6	293.5	436.8	547.9
Short-term	21.5	18.0	73.4	15.4	57.8
Currency and deposits	69.0	70.5	86.9	148.6	238.3
Banks	69.0	70.5	86.9	148.6	238.3
Other liabilities	21.4	27.9	32.8	112.1	192.8

Source: National Bank of the Republic of Macedonia.



Table 31

International investment position of the Republic of Macedonia, as of the end of the period  
in EUR Million

	2003	2004	2005	2006	2007
<b>International Investment Position, net</b>	<b>-1,599.7</b>	<b>-1,836.6</b>	<b>-1,978.4</b>	<b>-1,878.5</b>	<b>-2,401.1</b>
<b>Assets</b>	<b>1,495.3</b>	<b>1,589.3</b>	<b>2,081.7</b>	<b>2,472.7</b>	<b>2,686.0</b>
<i>Direct investment abroad</i>	33.6	39.9	52.6	30.1	46.0
Equity capital and reinvested earnings	28.6	32.3	37.0	28.6	35.1
Other capital	5.0	7.6	15.6	1.5	10.9
<i>Portfolio investment</i>	3.0	3.0	3.1	3.2	3.0
Equity securities	3.0	3.0	3.1	3.2	3.0
Banks	2.4	2.4	2.5	2.6	2.5
Other sectors	0.6	0.6	0.6	0.6	0.6
Debt securities	-	-	-	-	-
<i>Other investment</i>	743.7	829.5	903.1	1,022.7	1,112.7
Trade credits	155.5	196.4	253.5	335.5	444.3
Other sectors	155.5	196.4	253.5	335.5	444.3
Long-term	0.3	0.3	0.7	0.7	0.8
Short-term	155.2	196.1	252.8	334.8	443.5
Loans	20.4	20.1	22.0	1.7	2.6
Banks	19.2	18.9	21.7	1.5	0.7
Long-term	12.2	12.2	12.7	1.1	0.7
Short-term	7.0	6.7	9.0	0.4	-
Other sectors	1.2	1.2	0.3	0.3	1.9
Long-term	-	1.2	0.1	0.3	1.6
Short-term	1.2	-	0.2	-	0.3
Currency and deposits	565.0	608.4	621.6	659.4	637.4
Monetary authorities	33.2	11.9	13.2	17.9	17.2
Banks	531.8	596.5	608.4	641.5	620.2
Other assets	2.8	4.6	6.0	26.1	28.4
<i>Reserve assets</i>	715.0	716.9	1,122.9	1,416.7	1,524.4
<b>Liabilities</b>	<b>3,095.0</b>	<b>3,426.0</b>	<b>4,060.1</b>	<b>4,351.2</b>	<b>5,087.2</b>
<i>Direct investment in reporting economy</i>	1,292.1	1,610.2	1,769.0	2,098.6	2,545.2
Equity capital and reinvested earnings	1,182.0	1,366.1	1,579.6	1,863.4	2,226.6
Other capital	110.2	244.1	189.4	235.2	318.6
<i>Portfolio investment</i>	85.8	52.7	232.2	278.3	311.2
Equity securities	64.4	29.4	44.7	86.6	132.6
Banks	10.1	14.0	25.0	80.7	61.9
Other sectors	54.3	15.4	19.7	5.9	70.7
Debt securities	21.4	23.3	187.5	191.7	178.7
<i>Other investment</i>	1,717.1	1,763.1	2,058.9	1,974.3	2,230.8
Trade credits	318.6	356.9	387.3	369.2	581.6
Other sectors	318.6	356.9	387.3	369.2	581.6
Long-term	49.4	34.3	24.9	19.6	14.5
Short-term	269.2	322.6	362.5	349.6	567.1
Loans	1,326.2	1,333.8	1,570.1	1,407.2	1,355.8
Monetary authorities	54.7	46.0	52.7	42.4	-
General government	1,005.5	993.2	1,095.4	875.2	727.2
Banks	72.8	65.5	111.1	146.3	216.3
Long-term	64.0	57.6	108.8	146.3	199.8
Short-term	8.7	7.9	2.3	-	16.5
Other sectors	193.2	229.1	311.0	343.3	412.2
Long-term	175.9	215.8	248.8	331.6	372.9
Short-term	17.2	13.3	62.2	11.7	39.3
Currency and deposits	55.2	51.9	73.7	112.8	162.2
Banks	55.2	51.9	73.7	112.8	162.2
Other liabilities	17.1	20.5	27.8	85.1	131.2

Source: National Bank of the Republic of Macedonia.



Table 32  
Republic of Macedonia: gross external debt /1  
in USD Million



	31/12/2004	31/12/2005	31/12/2006	31.12.2007*	31/3/2008	30/6/2008	30/9/2008	31/12/2008
<b>General Government</b>	<b>1,016.46</b>	<b>1,282.82</b>	<b>1,065.56</b>	<b>897.71</b>	<b>883.06</b>	<b>882.64</b>	<b>880.13</b>	<b>902.83</b>
<b>Short-term</b>	<b>0.01</b>	<b>0.00</b>						
Money market instruments	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trade credits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other debt liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arrears	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Long-term</b>	<b>1,016.45</b>	<b>1,282.82</b>	<b>1,065.56</b>	<b>897.71</b>	<b>883.06</b>	<b>882.64</b>	<b>880.13</b>	<b>902.83</b>
Bonds and notes	23.25	187.47	190.38	170.49	164.85	155.20	143.61	131.62
Loans	993.20	1,095.36	875.19	727.22	718.21	727.44	736.52	771.22
Trade credits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other debt liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Monetary Authorities</b>	<b>45.97</b>	<b>52.66</b>	<b>42.39</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Short-term</b>	<b>0.00</b>							
Money market instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Currency and deposits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other debt liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arrears	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Long-term</b>	<b>45.97</b>	<b>52.66</b>	<b>42.39</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Bonds and notes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	45.97	52.66	42.39	0.00	0.00	0.00	0.00	0.00
Currency and deposits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other debt liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Banks</b>	<b>123.24</b>	<b>192.02</b>	<b>269.88</b>	<b>387.85</b>	<b>346.15</b>	<b>358.89</b>	<b>389.57</b>	<b>384.05</b>
<b>Short-term</b>	<b>67.32</b>	<b>81.41</b>	<b>115.44</b>	<b>178.12</b>	<b>142.31</b>	<b>138.83</b>	<b>173.32</b>	<b>171.33</b>
Money market instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	7.04	1.30	0.00	16.50	10.72	10.00	10.00	0.00
Currency and deposits	51.71	69.46	104.70	152.26	124.29	121.28	154.87	162.46
Other debt liabilities	8.57	10.66	10.74	9.36	7.29	7.55	8.45	8.87
Arrears	8.57	10.66	10.74	9.36	7.29	7.55	8.45	8.87
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Long-term</b>	<b>55.93</b>	<b>110.60</b>	<b>154.44</b>	<b>209.73</b>	<b>203.84</b>	<b>220.06</b>	<b>216.25</b>	<b>212.72</b>
Bonds and notes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	55.79	106.40	146.31	199.81	189.02	206.48	203.21	201.14
Currency and deposits	0.14	4.20	8.13	9.92	14.82	13.58	13.04	11.58
Other debt liabilities	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Other Sectors</b>	<b>600.40</b>	<b>721.01</b>	<b>786.69</b>	<b>1,115.71</b>	<b>1,087.00</b>	<b>1,227.25</b>	<b>1,346.80</b>	<b>1,382.45</b>
<b>Short-term</b>	<b>370.02</b>	<b>475.84</b>	<b>435.42</b>	<b>727.89</b>	<b>676.47</b>	<b>787.25</b>	<b>826.04</b>	<b>823.45</b>
Money market instruments	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	4.78	53.03	11.65	39.32	24.25	21.05	21.49	28.54
Currency and deposits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trade credits	322.58	362.86	349.59	567.07	552.25	663.18	696.92	672.16
Other debt liabilities	42.66	59.95	74.17	121.50	99.97	103.02	107.64	122.75
Arrears	42.66	58.40	74.17	121.50	99.97	103.02	107.64	122.75
Other	0.00	1.54	0.00	0.00	0.00	0.00	0.00	0.00
<b>Long-term</b>	<b>230.39</b>	<b>245.18</b>	<b>351.27</b>	<b>387.81</b>	<b>410.54</b>	<b>440.00</b>	<b>520.75</b>	<b>559.00</b>
Bonds and notes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loans	207.63	234.14	331.68	372.92	394.90	421.44	500.95	535.37
Currency and deposits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trade credits	22.76	11.04	19.59	14.54	15.28	18.20	19.44	23.27
Other debt liabilities	0.00	0.00	0.00	0.36	0.36	0.36	0.36	0.36
<b>Direct investment: Intercompany lending</b>	<b>284.52</b>	<b>269.57</b>	<b>329.30</b>	<b>430.77</b>	<b>521.02</b>	<b>612.70</b>	<b>626.08</b>	<b>649.07</b>
Debt liabilities to affiliated enterprises	3.70	5.68	13.16	6.11	6.11	6.11	6.11	6.11
Debt liabilities to direct investors	280.82	263.89	316.14	424.66	514.91	606.59	619.97	642.96
<b>Gross External Debt</b>	<b>2,070.61</b>	<b>2,518.09</b>	<b>2,493.83</b>	<b>2,832.04</b>	<b>2,837.23</b>	<b>3,081.49</b>	<b>3,242.58</b>	<b>3,318.40</b>

**Memorandum items**

Public debt	1,201.88	1,477.78	1,260.77	1,048.34	1,027.99	1,036.09	1,038.68	1,097.29
Private debt	868.73	1,040.31	1,233.06	1,783.70	1,809.24	2,045.40	2,203.90	2,221.11

\*Revision of trade credits for 2007, based on data from the new KIPO questionnaire.

Data on trade credits for 2008 are estimated using flow data from the balance of payments.

1/ Preliminary data.

Source: National Bank of the Republic of Macedonia.







Table 35  
Reserve assets  
in EUR Million

	1. Reserve Assets					Other foreign assets
	Monetary gold	SDRs	Reserve Position in the Fund	Foreign Exchange	TOTAL	
2003	29.7	0.3	0.0	685.0	715.0	33.2
2004	63.6	0.6	0.0	652.8	716.9	11.9
2005	94.9	0.7	0.0	1,027.3	1,122.9	13.2
2006	105.4	2.3	0.0	1,309.0	1,416.7	17.9
2007	124.3	1.0	0.0	1,399.1	1,524.4	17.2
I	108.7	1.7	0.0	1,284.7	1,395.1	18.1
II	111.7	0.2	0.0	1,276.4	1,388.3	12.1
III	108.7	7.0	0.0	1,297.3	1,413.1	17.9
IV	108.5	4.2	0.0	1,343.0	1,455.7	17.7
V	106.8	1.4	0.0	1,357.8	1,466.0	17.8
VI	104.8	1.4	0.0	1,312.2	1,418.4	17.8
VII	106.6	1.4	0.0	1,341.1	1,449.1	17.7
VIII	107.1	1.2	0.0	1,377.1	1,485.4	17.8
IX	113.6	1.1	0.0	1,407.4	1,522.1	17.4
X	118.6	1.1	0.0	1,431.4	1,551.1	17.6
XI	117.7	1.0	0.0	1,428.3	1,547.0	17.1
XII	124.3	1.0	0.0	1,399.1	1,524.4	17.2
Q1	108.7	7.0	0.0	1,297.3	1,413.1	17.9
Q2	104.8	1.4	0.0	1,312.2	1,418.4	17.8
Q3	113.6	1.1	0.0	1,407.4	1,522.1	17.4
Q4	124.3	1.0	0.0	1,399.1	1,524.4	17.2
2008	133.9	1.0	0.0	1,360.0	1,494.9	1.1
I	136.1	1.0	0.0	1,398.6	1,535.8	9.9
II	139.9	0.9	0.0	1,408.1	1,548.9	9.8
III	129.5	0.9	0.0	1,388.9	1,519.3	6.6
IV	121.6	1.1	0.0	1,371.5	1,494.3	6.7
V	123.8	1.0	0.0	1,385.1	1,509.9	0.6
VI	129.3	1.0	0.0	1,413.1	1,543.4	0.6
VII	127.7	1.0	0.0	1,428.2	1,556.9	0.6
VIII	123.9	1.0	0.0	1,474.7	1,599.6	0.6
IX	136.5	1.0	0.0	1,551.5	1,689.0	0.6
X	122.0	1.1	0.0	1,550.1	1,673.2	0.7
XI	139.5	1.0	0.0	1,448.7	1,589.2	1.2
XII	133.9	1.0	0.0	1,360.0	1,494.9	1.1
Q1	129.5	0.9	0.0	1,388.9	1,519.3	6.6
Q2	129.3	1.0	0.0	1,413.1	1,543.4	0.6
Q3	136.5	1.0	0.0	1,551.5	1,689.0	0.6
Q4	133.9	1.0	0.0	1,360.0	1,494.9	1.1

Source: National Bank of the Republic of Macedonia



Table 36  
Exchange rates (average for the period)

		100 ATS	100 FRF	100 ITL	100 DEM	100 CHF	1 GBP	1 USD	1 EUR	100 JPY
1993	/1	2.0127	4.1226	1.4832	14.1617	15.9867	35.3541	23.5722	-	
1994		3.7833	7.7828	2.6792	26.6162	31.5905	66.0911	43.2351	-	
1995		3.7722	7.6206	2.3369	26.5390	32.1770	60.0303	38.0354	-	
1996		3.7787	7.8183	2.5929	26.5848	32.3948	62.4691	39.9935	-	
1997		4.0780	8.5259	2.9225	28.6980	34.3423	81.6392	49.8299	-	
1998		4.3993	9.2329	3.1357	30.9525	37.5788	90.2462	54.4506	-	
1999		4.4052	9.2409	3.1306	30.9927	37.8747	92.0413	56.8964	-	
2000		4.4131	9.2575	3.1362	31.0482	38.9892	99.6905	65.8856	60.7250	61.1533
2001		4.4267	9.2862	3.1459	31.1445	40.3381	97.9875	68.0421	60.9133	56.0157
2002		-	-	-	-	41.5689	97.0365	64.7341	60.9783	51.6839
2003		-	-	-	-	40.3117	88.6405	54.3031	61.2639	46.8292
2004		-	-	-	-	39.7337	90.4298	49.4105	61.3377	45.6661
2005		-	-	-	-	39.5872	89.6186	49.2919	61.2958	44.7895
2006		-	-	-	-	38.8981	89.7611	48.7854	61.1885	41.9345
2007		-	-	-	-	37.2534	89.4324	44.7184	61.1838	37.9705
2008		-	-	-	-	38.6300	77.1265	41.8646	61.2654	40.7177
2006	Q1	-	-	-	-	39.2848	89.2867	50.9665	61.2334	43.5954
	Q2	-	-	-	-	39.1077	88.8832	48.7465	61.1661	42.5425
	Q3	-	-	-	-	38.7979	89.9489	48.0042	61.1697	41.3318
	Q4	-	-	-	-	38.4127	90.9055	47.4714	61.1856	40.3109
2007	Q1	-	-	-	-	37.8609	91.2615	46.6974	61.1809	39.1234
	Q2	-	-	-	-	37.1487	90.0730	45.3961	61.1741	37.6175
	Q3	-	-	-	-	37.1335	90.0013	44.5585	61.1750	37.8021
	Q4	-	-	-	-	36.8825	86.4403	42.2718	61.2053	37.3601
2008	Q1	-	-	-	-	38.2826	81.0138	40.9350	61.2908	38.8218
	Q2	-	-	-	-	38.0241	77.2550	39.2020	61.2579	37.5382
	Q3	-	-	-	-	37.9561	76.9805	40.7035	61.1776	37.8493
	Q4	-	-	-	-	40.2469	73.3003	46.5786	61.3356	48.6062
2006	1	-	-	-	-	39.5447	89.3827	50.7503	61.2839	43.8820
	2	-	-	-	-	39.3020	89.6578	51.2317	61.2179	43.4344
	3	-	-	-	-	39.0093	88.8557	50.9433	61.1970	43.4544
	4	-	-	-	-	38.8317	88.0838	49.9694	61.1625	42.5913
	5	-	-	-	-	39.2724	89.4229	47.9649	61.1686	42.8457
	6	-	-	-	-	39.2134	89.1251	48.3312	61.1670	42.1803
	7	-	-	-	-	39.0015	88.9010	48.2135	61.1671	41.7135
	8	-	-	-	-	38.7629	90.3501	47.7888	61.1688	41.2355
	9	-	-	-	-	38.6238	90.6172	48.0105	61.1732	41.0371
	10	-	-	-	-	38.4876	90.9394	48.4970	61.1815	40.8833
	11	-	-	-	-	38.4257	90.8063	47.5741	61.1799	40.5425
	12	-	-	-	-	38.3251	90.9675	46.3465	61.1954	39.5143
2007	1	-	-	-	-	37.8973	92.1831	47.0635	61.1802	39.1269
	2	-	-	-	-	37.7300	91.6664	46.8414	61.1905	38.8048
	3	-	-	-	-	37.9428	89.9742	46.2014	61.1729	39.4077
	4	-	-	-	-	37.3937	90.0173	45.3304	61.1754	38.1562
	5	-	-	-	-	37.0661	89.7285	45.2464	61.1729	37.5017
	6	-	-	-	-	36.9892	90.4847	45.6166	61.1739	37.1983
	7	-	-	-	-	36.9193	90.7086	44.6560	61.1771	36.6735
	8	-	-	-	-	37.3499	90.3063	44.9242	61.1713	38.4779
	9	-	-	-	-	37.1313	88.9552	44.0798	61.1767	38.2698
	10	-	-	-	-	36.6500	87.9323	43.0387	61.1820	37.1373
	11	-	-	-	-	37.1130	86.4482	41.7364	61.2049	37.5533
	12	-	-	-	-	36.8919	84.9406	42.0230	61.2290	37.3960
2008	1	-	-	-	-	37.7680	82.1796	41.6851	61.3375	38.5097
	2	-	-	-	-	38.1420	81.7821	41.6268	61.3231	38.8401
	3	-	-	-	-	38.9287	79.1295	39.5378	61.2140	39.1168
	4	-	-	-	-	38.4651	77.1392	38.9019	61.3727	38.0133
	5	-	-	-	-	37.7336	77.3340	39.3720	61.2280	37.7820
	6	-	-	-	-	37.8834	77.2891	39.3265	61.1740	36.8111
	7	-	-	-	-	37.8104	77.141	38.7910	61.1836	36.3449
	8	-	-	-	-	37.7134	77.2368	40.7884	61.1783	37.3325
	9	-	-	-	-	38.3576	76.55	42.5922	61.1706	39.938
	10	-	-	-	-	40.2313	77.6866	45.7943	61.1979	45.7813
	11	-	-	-	-	40.6211	74.2772	48.2683	61.4102	49.8986
	12	-	-	-	-	39.9004	67.9685	45.7279	61.4012	50.1804

Source: National Bank of the Republic of Macedonia.

1/ Denomination of the denar for 100 in may 1993.



Table 37  
Mid exchange rates (end of period)

	EUR 1	DEM 100	ITL 100	USD 1	ATS 100	FRF 100	GBP 1	CHF 100
31.12.1993		2,575.2100	2.6000	44.4600	366.3000	757.7600	65.8200	3,029.4800
31.12.1994		2,621.1400	2.5000	40.6000	372.4900	759.5300	63.4500	3,098.1900
31/12/1995		2,649.4300	2.4000	37.9800	376.5900	775.0400	58.6500	3,299.6000
31/12/1996		2,663.4000	2.7100	41.4100	378.4961	789.1662	69.9596	3,062.9100
31.12.1997		3,092.4800	3.1500	55.4200	439.5300	924.1300	92.2200	3,811.4800
31.12.1998		3,098.3900	3.1294	51.8400	440.4100	923.8800	86.6900	3,786.2300
31.12.1999	60.6173	3,099.3136	3.1306	60.3400	440.5231	924.1000	97.5000	3,776.5400
31/12/2000	60.7878	3,108.0300	3.1400	65.3300	441.7600	926.7000	97.4000	3,990.8000
31/12/2001	60.9610	3,116.8844	3.1484	69.1716	443.0206	929.3438	100.1824	4,110.9286
31/12/2002	61.0707			58.5979			93.9549	4,197.8760
31/12/2003	61.2931			49.0502			87.1136	3,930.5566
31/12/2004	61.3100			45.0676			86.4983	3,970.8549
31/12/2005	61.1779			51.8589			89.2717	3,934.0171
31/12/2006	61.1741			46.4496			91.1007	3,806.9637
31/1/2007	61.2139			47.1893			92.7062	3,770.2575
28/2/2007	61.1773			46.2413			90.8079	3,780.3436
31/3/2007	61.1675			45.9284			89.9787	3,764.8489
30/4/2007	61.1621			44.8304			89.6476	3,722.3602
31/5/2007	61.1920			45.5976			90.0545	3,716.0381
30/6/2007	61.1692			45.2973			90.7555	3,695.3543
31/7/2007	61.1658			44.7806			90.5757	3,721.2265
31/8/2007	61.1716			44.9461			90.2236	3,729.5208
30/9/2007	61.1940			43.1582			87.8215	3,686.1635
31/10/2007	61.1821			42.4669			87.7540	3,652.4446
30/11/2007	61.2935			41.5888			85.7552	3,713.6322
31/12/2007	61.2016			41.6564			83.2901	3,685.9552
31/1/2008	61.4240			41.4747			82.6258	3,806.8795
29/2/2008	61.2338			40.4959			80.4279	3,818.2827
31/3/2008	61.2664			38.7860			77.4740	3,893.6384
30/4/2008	61.3856			39.4230			77.8067	3,800.2600
31/5/2008	61.1654			39.4412			77.8186	3,758.0118
30/6/2008	61.1741			38.8456			77.2059	3,810.7581
31/7/2008	61.1879			39.2507			77.7779	3,750.4076
31/8/2008	61.1642			41.5095			75.9804	3,783.9767
30/9/2008	61.1689			42.6294			76.8550	3,860.4544
31/10/2008	61.4099			47.1115			77.6652	4,149.3176
30/11/2008	61.4030			48.2462			73.9884	3,973.0184
31/12/2008	61.4123			43.5610			63.0387	4,104.2772

Source: National Bank of the Republic of Macedonia



Table 38  
Indices on effective exchange rate of the Denar\*  
base period 1995=100, ponders FT 2003

year	quarter	Nominal Effective Exchange Rate of Denar	Real Effective Exchange Rate of Denar		
			Consumer Price Index	Producer Price Index	Unit Labor Cost
1995	Q4	41.2	132.1	117.9	
1996	Q4	48.5	118.4	106.1	
1997	Q4	49.9	97.0	93.4	
1998	Q4	66.6	105.7	112.8	
1999	Q4	82.7	113.0	119.0	
2000	Q4	90.0	107.1	109.8	
2001	Q4	94.1	101.7	101.8	
2002	Q4	97.6	99.9	100.7	
2003	Q4	101.2	100.1	99.1	87.4
2004	Q4	104.4	96.1	95.8	93.4
2005	Q4	104.8	90.8	93.0	88.6
2006	Q4	104.2	89.2	91.9	79.6
2007	Q4	104.4	88.0	90.8	70.6
2005	Q1	104.8	94.6	94.9	92.8
	Q2	104.5	92.9	94.2	77.9
	Q3	104.7	91.7	95.1	78.8
	Q4	104.8	90.8	93.0	88.6
2006	Q1	104.8	91.3	94.1	90.6
	Q2	105.6	91.3	95.1	79.1
	Q3	105.1	90.3	94.5	81.9
	Q4	104.2	89.2	91.9	79.6
2007	Q1	104.4	89.0	90.8	74.2
	Q2	104.8	88.8	90.7	71.6
	Q3	104.5	88.0	90.7	69.1
	Q4	104.4	88.0	90.8	70.6
2008	Q1	105.6	90.4	91.2	67.4
	Q2	106.0	89.7	92.7	63.7
	Q3	104.6	87.2	92.1	60.3
	Q4	106.2	88.4	89.9	

\* Index below 100 indicates increased export competitiveness.

Source: NBRM.



## METHODOLOGICAL EXPLANATIONS

### REAL SECTOR

#### Table no. 1 Gross domestic product

The data for the gross domestic product (GDP) are produced by the State Statistical Office of the Republic of Macedonia (SSO). GDP is computed on the basis of the annual accounts data from the Central Registry, SSO statistical research, data from the Ministry of Finance, Public Revenue Office and other sources.

Gross domestic product (GDP) at current prices, computed by the production approach, is the final result of the production activity of the resident production units. GDP is a sum of the gross value added of the institutional sectors or activities, expressed in basic prices, plus the turnover tax (i.e. value added tax) and import duties, less subsidies on products (which are not allocated to activities).

Quarterly GDP data are available since 1997. Quarterly GDP, calculated by the production approach, is expressed in constant prices. The data are presented by sector according to the National classification of economic activities (NACE).

#### Table no. 2 Prices

The price data are from the SSO.

The average monthly retail prices and the structure of the personal consumption are used as a base for computing the *Consumer price index (CPI)*.

The selection of the products whose prices are to be monitored is made on the basis of the products with a significant share in the retail turnover. Retail prices are the prices at which the products are sold in the retail trade and by the individual producers and service providers. Retail prices include VAT.

Consumer price index is based on a specific list of products and services for personal consumption of non-agricultural households and on the average monthly retail prices of those products and services. In other words, the individual price indices of specific products and services are weighted with their respective share in the personal consumption. In January 2007 two new categories are added to the CPI structure- "hotels and restaurants" and "miscellaneous services n.e.c".

*Producer prices* are monitored in the Monthly survey of producer prices of industrial products, C.41 in 200 industrial enterprises in the Republic of Macedonia. Enterprises are selected on the basis of their importance in the production.

The producer price of the industrial products is the price at which the producer sells the products to the regular buyers on the domestic market, loaded free on rail or truck where the producer is located, or it is the price based on which the producer deals with other producers in the sphere of trade. This price includes producers subsidies, but excludes commercial rebates, discounts, cash discounts and similar reductions offered by the seller. VAT is also excluded from the price.

Starting from January 2001 the Producer Price Index is computed in accordance with the NACE classification.

#### Table no. 3 Industrial production index

Industrial production data is from the SSORM. The industrial production data is collected by monthly reports delivered by the enterprises in the industrial sector, as well as by their units.

The production indices are computed on the basis of the monthly reports.



The data was collected according to the Uniform Classification of Economic Activity (UCEA) with the Annual Industrial Report till 1998 and with the Monthly Industrial report till 1999, whereas starting from 1999 and 2000, respectively, the data from the same reports is collected according to the National Classification of Economic Activities (NACE).

Production volume index is calculated on the base of production, by allocation of the specific products in appropriate industry, using:

- average monthly final production and production structure in the base year;
- total monthly production in the current year;
- nomenclature of industrial products for the monthly industrial production report;
- weighting coefficients for each product;
- weighting factors which show the structure of production, i.e. the share of each branch in the total industrial production in the Republic of Macedonia.

The *productivity of the industry* is calculated in the NBRM and it is based on data from the SSORM for the volume of the industrial output and the number of the employees in the industry (according to the LFS), on a quarterly basis.

#### **Table no. 4 Employment and productivity in total economy**

The source of the presented data for the *employment* is the Labour Force Survey (LFS) of the SSORM.

The LFS is the most extensive research of the economic activity of the population and its demographic, educational and other characteristics, after the Census research. The survey is conducted on the whole territory of the Republic of Macedonia and it is based on a sample of 10.000 households (7.200 households till the 2003) or 1,8% of the total number of households in the country. Until 2003, the LFS was conducted annually, whereas starting from 2004 it is conducted as a continuous weekly survey throughout the year and the processing of the data is on quarterly and on annual basis. The units under observation are persons aged from 15 to 79 years and the households. The LFS is prepared in accordance with international recommendations (ILO and Eurostat). Classifications applied: National classification of activities and National classification of occupations.

*Working age population* is consisted of all persons aged 15 years and over. Working age population is divided into active population and inactive population.

*Active population* (labour force) comprises the employed and the unemployed persons.

*Inactive population* comprises of:

- pupils and students
- retired persons
- housewives
- supported persons (by others or by the state or with a different kind of income such as rents or interests).

The employed in the *agriculture* comprise sectors A and B; the employed in the *industry* comprise sectors C, D, E and F; the employed in the *services* comprise sectors from G to O according to the NACE classification.

The *productivity in the economy* is calculated in the NBRM and it is based on data from the SSORM for the total GDP and the total number of employees in the economy (according to the LFS), on a quarterly basis.

#### **Table no. 5 Wages**

The data for the paid net and gross wages per employee are based on monthly reports provided by the business entities that are in private and other (social, state, collective and mixed) ownership with different activities in the Republic of Macedonia. The data are prepared by the SSORM.

*Net wages* refer to the monthly average incomes per employee, for fulltime work, shorter or longer than full-time (overtime) work. The total amount of paid net wages also comprise a compensation of the net wage



from the company's assets (or other legal entity) for vacation, state holidays, paid absence no longer than 7 days, paid absence for additional training, for sick-leave no longer than 21 days, compensation for time spent in practice by invitation by a state authority, public protection etc.

*Gross wages* comprise the paid net wages for the reporting month, the paid personal income tax and the paid contributions for pension, disability and health insurance, for employment, professional illness and for water supply.

Starting from May 2001 the data for the wages are published according to the National classification of activities-NACE.

The wages in the *agriculture* comprise sectors A and B; the wages in the *industry* comprise sectors C, D, E and F; the wages in the *services* comprise sectors from G to O according to the NACE classification.

**Table no. 6 Budget of the Republic of Macedonia (the Central government budget and the budgets of the funds)**

The data for the budget are prepared by the Ministry of Finance of the Republic of Macedonia.

The Budget of the Republic of Macedonia comprises the Central budget and the budgets of extra-budgetary funds.

The Central budget, that refers to the Central government, comprises the base budget, the budget of the self-financed activities and the budgets of loans and donations.

The extra-budgetary funds are: the Pension and Disability Insurance Fund, the Health Insurance Fund, the Employment Service Agency and the Road Fund.

## **MONETARY SECTOR**

Data in the aggregated Deposit Money Banks' and National banks' (NBRM) balance sheets are desegregated according to sectoral and currency criteria, as well as according to the financial instrument on the base of which certain assets and liabilities occur. Data in the presented balance sheets refer to the latest balance sheets at the end of the referent period. Amounts that are denominated in foreign currency are converted by using the middle exchange rate of Denar at the end of the referent period, according to the indicative foreign exchange list of NBRM.

In the sectoral classification, clients are classified in two basic groups: residents and nonresidents. In the residents group, there are five sectors: non-financial legal entities, Government, banks and other financial institutions, other clients and households.

- The sector of non-financial legal entities is consisted of three sub-sectors: public non-financial corporations, corporations which are not organized as public, but are state owned in more than 50%, and private corporations.

- The Government sector is desegregated to Central Government (Budget and Central Government bodies); institutions of Central Government (Courts, Public Prosecutor etc.); Funds (Social security funds and other funds and agencies); Local Government; Public sector institutions (schools, hospitals etc.). The last two sub-sectors are money holders.

- The sector of Banks and other financial institutions is consisted of five sub-sectors:

- National Bank of the Republic of Macedonia (monetary authority);

- Deposit Money Banks;

- Savings houses;

- Insurance companies in which associations and institutions involved in insuring and reinsuring operations, Deposits insurance fund, investment funds, financial institutions that are involved in financial leasing and other financial services, are included.



-Other financial institutions in which are included institutions involved with intermediation on the Capital market, Brokerage Houses, Clearing Houses, Stock exchange.

- The sector of other clients includes nonprofit and non-financial organizations (organizations of social-humanitarian character, Chambers of Commerce, Political parties, Citizens religious associations, Unions, Red Cross).

- The sector of households includes: households and individuals with registered activity.

The National of the Republic of Macedonia, deposit banks and saving houses are consisting the banking system of the Republic of Macedonia.

The assets and the liabilities of the banking sector are classified in the following aggregated categories: monetary gold and special drawing rights (SDR), currencies and deposits, securities except for shares, credits, shares and other equity securities, technical reserves for security, financial derivatives, other accounts of inflows/outflows and non-financial assets. Parts of these aggregated categories are additionally desegregated according to various criteria.

#### **Table no. 7 National Bank of Republic of Macedonia - Balance Sheet**

The Balance Sheet of NBRM is prepared regarding the accounting records of all assets and liabilities of NBRM to other sectors in the economy, including the sector "non-residents". The Balance Sheet of NBRM is issued at the end of the month and contains data on the previous month.

**A. Balance Sheet of NBRM - Assets** include the following categories: foreign currency assets, claims on Government and other assets.

**Foreign currency assets of NBRM** consists of: monetary gold, the reserve position in IMF, holding of Special Drawing Rights (SDR), foreign assets in form of cash foreign currency, checks, NBRM deposits with foreign banks, placements in securities issued by non-residents (in foreign currency), placements in foreign currency with international financial institutions and other foreign assets (foreign currency nostro covered letters of credit and guarantees).

**NBRM claims to the Government** refer to the relations with IMF (allocation of SPV and claims based on replaced credits to IMF), as well as claims based on placements in securities. The placements in securities are a specific category. The emission of these securities is one of the mechanisms in the process of rehabilitation of banks, through which the bad placements are taken over in the portfolio of one bank. These securities are in possession of the Agency for Rehabilitation of Banks. Their amortization is in accordance with the concluded agreement between the Government and the central bank.

**Other NBRM assets** include: basic assets, assets for special purposes and by special regulations, reserves, income based on interest, doubtful and contested claims based on interest and compensations.

**B. Balance Sheet of NBRM - Liabilities** include: reserve money, CB bills sold at auctions, Government deposits, deposits on other financial institutions, foreign currency liabilities to abroad and other NBRM liabilities.

**Reserve money** include: currency in circulation, cash in the vaults and on the accounts with NBRM. Currencies in circulation are a NBRMs' liability and they refer to the currencies in circulation which are held by the non-banking entities. The cash in the vaults refers to the cash in the vaults of the deposit money banks. Banks' accounts with NBRM refer to the accounts of the deposit money banks with NBRM (including the saving houses), which also include the reserve requirement (in denars and in foreign currency) of banks deposited with NBRM (including the saving houses). The reserve requirement is calculated by fixed reserve requirement rates which are applied to the average monthly stock of the adequate deposits. An average system for maintaining the reserve requirement is in use, according to which the banks can use the assets from the reserve requirements for keeping the daily liquidity to a level not exceeding 80% of the liability. The data on the currency in circulation are taken over from the Cash Management Department of NBRM, while the data on the daily liquidity of banks and saving houses are based on their daily reporting to NBRM.

**Auctions of CB bills** represent basic instrument of the NBRM monetary policy, which is used for regulating the global liquidity level and the interest rates in the banking system, as well as for signalizing the



directions of the monetary policy. They are introduced in February 1994 for the first time and by definition they are intended for withdrawing liquidity from the banking system. The interventions with this instrument, with a maturity up to 28 days, are performed through making auctions which can be organized as "volume tender" or "interest rate tender" (American type). The auctions of CB bills are positioned on market and flexible basis, which enables their continuous changing, with an intention of increasing their flexibility, efficiency and successful realization of their basic goals.

**Government deposits** include the Government demand deposits in Denars (vault account of the Government and other budget funds) and in foreign currency (deposits for special purposes on central and local level of the Government and other deposits). Since March 2006, the funds mobilized through the emission of **Treasury bills for monetary purposes**, which are deposited on a special account, are also included within the Denar deposits. On 07.03.2006, NBRM and the Ministry for Finance started emission of Treasury bills for monetary purposes with maturity up to three months. The Treasury bills for monetary purposes are issued on the regular auctions of Government securities and they have the same characteristics as the regular Government securities. According to the Law on Public Debt, the Treasury bills for monetary purposes are not part of the public debt, because they are issued for the needs of the monetary policy. Also, the Government does not have right to operate with the withdrawn assets through issuing Treasury bills for monetary purposes. NBRM pays the interest rate on the Treasury bills for monetary purposes, according to the average interest rate achieved on the auctions of the three month Treasury bills. The Ministry for finance and the NBRM concluded an Agreement on Treasury bills for monetary purposes aiming to regulate the mutual relationship.

**Foreign currency liabilities** to abroad include the NBRM liabilities to non-residents based on checks and letters of credit in foreign currencies, as well as the liabilities on used credits from the International Monetary Fund.

**Other liabilities of NBRM** includes: capital accounts, outflows based on interest - with sector distribution of the outflows based on due interest, non-performed payments based on payments to abroad, temporary payments, liabilities to the Government Budget, liabilities to obtainers, liabilities based on foreign currency reserves, other liabilities for other purposes, as well as liabilities for special purposes and in accordance with special regulations and contingent accounts.

#### **Table no. 8 and 9 Balance sheets of the deposit money banks and saving houses**

Balance sheet of the deposit money banks and the Balance sheet of the saving houses are prepared based on the accounting records by the deposit money banks and the saving houses (the banks' report on the deposit money banks book keeping stock) and they represent aggregated balance sheets of assets and liabilities of all deposit money banks and saving houses. The monthly survey of the deposit money banks and the saving houses is issued at the end of the month and it consists of data on the previous month. The Balance sheet contains data on claims and liabilities (carriers of the monetary aggregates, according the national definition) of the banking sector (with exception of NBRM) to other sectors in the economy, including the sector "non-residents". The data are classified in standardized components by sectors, financial instruments and accounting principles.

**A. Balance sheet of the deposit money banks and saving houses - assets** include: liquidity assets, deposits with NBRM, foreign currency assets, Claims on Government and claims on non-financial and non-banking sector.

**Liquidity assets include** the accounts of the banks and saving houses with NBRM (which include their Denar reserve requirement deposited with NBRM) and the cash in the vaults.

**Deposits of banks and saving houses with NBRM** refer to the effects of the monetary policy instruments (CB bills purchased from NBRM).

**Foreign assets** refer only to the deposit money banks because the saving houses are not authorized for performing international foreign currency operations and payment operations and they represent claims on non-residents including: gold (gold in the vault of the bank and gold deposited abroad), foreign currencies and checks, foreign currency accounts abroad (regular foreign currency assets abroad and time foreign assets abroad), other claims (claims based on foreign currency nostro covered letters of credit and guarantees and based on extended credits and overdue claims).



**The claims of banks and saving houses** are classified by the sector they refer to (claims on Government and claims on non-financial and non-banking sector). **The claims on Government are classified** by the type of: claims based on granted credits and claims based on securities. **The claims on non-financial and non-banking sector** are divided into Denar and foreign currency claims by the currency.

**Other assets of the deposit money banks and saving houses** include inter-banking claims, basic assets, calculated undue and due interests, doubtful and contested claims based on interest, fees and commissions and other. Inter-bank claims include the interactions between the banking institutions, i.e.: credits extended to other banks, deposits with other banks, claims of parts of banks, claims based on issued securities by other banks or other financial institutions, other claims and overdue claims.

**B. Liabilities of deposit money banks and saving houses** include the liabilities based on: deposits, borrowings, issued securities, capital accounts and other liabilities.

**Deposits are differentiated into:** demand deposits (giro and current accounts only with the deposit money banks), sight deposits, time deposits with maturity up to one year, restricted deposits and time deposits with maturity over one year.

**Credits** refer to assets which only the deposit money banks borrow from non-banking institutions.

**Securities** refer to the commercial securities issued by the financial institutions for strengthening the total financial potential. In the banking system of the Republic of Macedonia so far are issued only deposit certificates.

**Liabilities to Government** (refer only the deposit money banks because the saving houses do not accept deposits from the sector "Government") include the deposit money, sight deposits, time and restricted Government deposits.

**Liabilities to non-residents** (refer only to deposit money banks because the saving houses are not authorized for operating with international foreign currency and payment operations) include the liabilities based on deposits, credits or instruments of international payment operations.

**Borrowings from NBRM** refer to credits, deposits purchased on auction, other liabilities based on accepted advances for purchase of cash foreign currency, overdue liabilities.

**The capital accounts** include the funding capital of the bank (in monetary and non-monetary form), the reserve fund of the bank, special funds (assets for joint consumption), as well as the overall income and expenditure of the financial institution.

**Other liabilities** include: inter-bank claims (loans from other banks, deposits from other banks, liabilities to part of banks, liabilities based on issued securities), outflows of assets based on calculated undue interest, due interest and other outflows. Other liabilities include also the contingent accounts (banks; activities on behalf and for the account of others). Also, the categories "income", "expenditures", "gain for redistribution" and the corrections of different types in the balance sheet positions are treated as "other liabilities". The liabilities to banks from former Yugoslavia, which aroused before the monetary independence (26.04.1992), are a special category of liabilities and they are denominated in foreign currency, based on foreign currency giro accounts of banks from former Yugoslavia.

#### Table no. 10 and 11 Monetary survey with and without saving houses

The monetary survey represents consolidated survey of the accounts of the deposit money banks, saving houses and NBRM, showing the combined assets and liabilities of the monetary system relative to the non-banking residential and non-residential entities. The monetary survey is formed with adequate reclassification of the items from the surveys of the deposit money banks and NBRM, in a format which simplifies the analysis of the monetary developments. The basic sources for the monetary survey are the NBRMs' survey and the surveys of the deposit money banks and saving houses.



As a consolidated balance sheet of the monetary system, it represents basis for its continuous monitoring. Simultaneously, the monetary survey also enables the analysis of the interactions among basic macroeconomic sectors: real, fiscal, external and monetary sector.

The Monthly monetary survey is issued at the end of the month and contains data on the previous month.

Main items in the Monetary survey are: Net foreign assets, Net domestic assets and Money supply (monetary aggregates), and their components are being previously described within the Balance Sheet of the National Bank of the Republic of Macedonia and in the Balance Sheet of the deposit money banks and saving houses (Table no. 1 and Table no. 2 and 3).

**Net foreign assets** represent a remainder of the foreign assets of NBRM and the deposit money banks and foreign currency liabilities of NBRM and the deposit money banks. All foreign assets and liabilities of NBRM and the deposit money banks are aggregated and presented as net foreign currency assets of the monetary system.

**Net domestic assets** include the domestic credits and other items, net, where the domestic credits include the claims of deposit money banks and saving houses on the Government and non-government sector (domestic credits in the deposit money banks' survey) and NBRM claims from the Government on net basis (net position of the Government with NBRM in the NBRMs' survey). Other items, net, include all items (on net basis) in the NBRMs' survey and the deposit money banks' survey, which are not included in other components of the monetary survey.

**Money supply** includes different definitions of the money supply, i.e. the monetary aggregates M1, M2 and M4. In defining the monetary aggregates, the characteristics of the monetary instruments were taken in consideration (maturity, liquidity level, and motives for holding). Simultaneously, for ensuring international comparability and compatibility, the methodology which NBRM use is compatible with the international standards and criteria on defining the financial instruments and sectors (issuer and holder of money supply).

**Monetary aggregate M1** represents the narrower definition for the money supply and includes the currency in circulation and the demand deposits (current accounts, transaction deposits).

**Monetary aggregate M2**, besides the currency in circulation and the demand deposits (M1), includes also the short-term deposits of the Government and non-government sector (defined before).

**Monetary aggregate M4** represents the broadest definition of the money supply and it includes the monetary aggregate M2 and the long-term deposits of the Government and non-government sector (defined before).

#### Table no.12 Credits to non-government sector

Credits which the deposit money banks extend to the non-government sector are classified by the currency: credits in denars and credits in foreign currency, by maturity aspect: short-term and long-term credits and by the sub-sector: credits to households, enterprises and to other sub-sectors.

**Denar credits to non-government sector** includes credits and placements in securities (to corporations, to households and to other clients - local government, public sector institutions), overdue claims based on credits and placements in securities. Denar credits include also the Denar credits with FX clause.

**Foreign currency credits to non-government sector** include claims on securities from the enterprises (based on used foreign credits, credit lines, deposits, etc.), households, other clients, overdue claims on credits and placements in foreign currency from enterprises, households and other clients.

#### Table no.13 Monetary aggregates and components thereof

Monetary aggregates, as group of financial instruments classified by their liquidity level, are defined on a way which is compatible to the internationally accepted definitions and criteria (according to the methodology



for monetary and financial statistics of IMF, based on the System of National Accounts, 1993). The deposits in the monetary aggregates refer to the following sectors: non-financial legal entities, households, other financial institutions, local Government and the public sector institutions and other clients - non-profitable non-financial institutions.

**Money supply M1** includes currency in circulation and the demand deposits. The demand deposits refer to the current accounts.

Currency in circulation represents a remainder of the total amount of banknotes and minted coins and the amount of currency in circulation in the vault of the deposit money banks, in the NBRM vault and in the dispersed vaults.

**Money supply M2 (liquid assets)** includes the monetary aggregate M1 and the short-term deposits. The short-term deposits are defined as deposits which include: sight deposits, time deposits up to one year, short-term liabilities on issued securities and short-term credits from non-banking institutions.

**Money supply M4 (total deposit potential of the monetary system)**, includes the monetary aggregate M2 and the long-term deposits, i.e. time deposits over 1 year, long-term securities, long-term credits from non-banking institutions and restricted deposits (deposits with restricted usage for certain purpose set in regulation - for coverage of open letters of credit in the international payment operations, guarantees, banking remittances, etc.).

#### **Table no. 14 Total claims of deposit money banks**

Total claims of banks refer to credits, placements in securities, other placements and overdue claims based on placements. The placements of the deposit money banks are sectoral, time and currency decomposed. According to the accepted standards in the area of monetary and financial statistics on consolidation, i.e. excluding the mutual claims and liabilities within a sector, placements exclude the inter-bank claims.

**Claims of deposit money banks on enterprises** refer to claims based on credits, securities, other placements and overdue liabilities. The deposit money banks extend credits from different sources of assets: deposits, own sources, foreign credits, received credit lines and other sources. Claims based on securities represent claims on short-term securities (checks and bills of exchange) and claims on long-term securities, i.e. participation or investments of the banks in securities of non-financial legal entities with management right and in priority shares, as well as specific investments according to Law on restructuring part of enterprises which are showing loss in their own operating. The claims in the category "other placements" refer to given advances in foreign currency, claims based on backing guarantees and guarantees, as well as advances related to regular operating of banks. Overdue claims are differentiated on overdue claims based on short-term and long-term credits, as well as doubtful and contested claims.

**Claims of deposit money banks on households** refer to claims based on credits, securities and overdue credits, differentiated by currency, time limit and purpose. By the purpose, short-term credits are desegregated to: consumption credits, credits for performing independent activity (granted to natural entities which are performing registered activity), credits on checking account (credit commitments or negative balance on current accounts) and credits for other purposes. Long-term credits, with respect to the purpose, can be: credits on housing construction, for business premises, for performing independent activity and credits for other purposes.

**Claims of deposit banks on other clients - non-profitable and non-financial organizations, local government and public sector institutions** refer to claims on short-term and long-term credits (credits up to and over one year) and claims on securities. The claims are categorized by the maturity and the currency structure, by the type (credits, securities, other claims and overdue claims), as well as by the source based on which the credits were granted. Short-term credits in foreign currency are based on the assets from received foreign credits, depending on the banks' deposit potential which is based on used foreign credit lines. Other claims of deposit money banks from other clients represent the claim of the bank by given backing guarantees on securities and guarantees.

**Total claims of the deposit money banks on the Government** refer to claims based on credits, securities and overdue claims. For extending short-term credits to Government the following sources are being used: foreign credits, credit lines, deposit potential and other sources.



Claims on Government based on securities represent claims based on specific securities. Thus, these are the categories of claims based on securities:

1. Long-term placements in foreign currency securities to public sector - according to the Law on guaranteeing the investment to strategic investors and assuming certain claims from final users by the Republic of Macedonia, the Government assumed the claims of Stopanska banka a.d. - Skopje from group of firms - loss making companies of the banks' balance sheet, as of 31 December 1999 and due to that the bank issued long-term bonds;

2. Claims on the public sector based on bonds - payment instruments with deadline for payment over one year. The claims on frozen foreign currency savings of the households are basis for issuing these bonds. After the falling apart of Yugoslavia, the banks in the Republic of Macedonia ended with claims to NBY based on re-deposited currencies and based on negative exchange rate differentials by which the banks were given guarantee from NBJ. According to the law regulations, the Government assumed from the balance sheets of banks the claims on that basis, and issued bonds to the banks;

3. Claims on bonds issued by the Agency for Rehabilitation of Bank - it is about bonds issued by the Republic of Macedonia based on assumed claims from the balance sheet of Stopanska banka in the process of its individual rehabilitation. In function of rehabilitation of the largest bank and returning the trust in the banking system, the Government assumed the claims on bad placements of this bank.

#### Table no.15 Total liabilities on deposit money banks

According to the dominant classical deposit and credit activity of banks in the Republic of Macedonia, **liabilities of the deposit money banks to enterprises** include deposits of non-financial legal entities and credits from non-financial legal entities. The deposits are desegregated by their maturity, currency and purpose structure. Credits are categorized by their currency and maturity structure.

**Liabilities of the deposit money banks to households** include current accounts, sight deposits, time deposits (up to three months, over three months, up to one year and over one year) and restricted deposits for coverage of letters of credit in the domestic payment operations.

**Liabilities of the deposit money banks to other clients** - non-profitable and non-financial organizations, Government, other financial organizations, as well as liabilities to local government and public sector institutions, respectively. These liabilities are based on different types of deposits categorized by their maturity and currency structure, as well as liabilities to non-profitable and non-financial organizations and to other financial organizations and short-term and long-term credits.

#### Table no. 16 Report of weighted interest rates on granted loans and received deposits of deposit money banks

Based on a Report on weighted interest rates on deposits and borrowings, which the deposit money banks submit to NBRM on regular monthly basis, aggregated survey on weighted interest rates of deposits and borrowings in Denar and in foreign currencies is prepared.

**Interest rates on Denar credits** include: interest rates on Denar credits without FX clause and interest rates on Denar credits with FX clause.

**Interest rates on Denar deposits** include: interest rates on Denar deposits without FX clause and interest rates on Denar deposits with FX clause.

Denar credits/deposits are further categorized by two criteria: sectoral classification and maturity. By sectoral classification, they are divided to: credits/deposits which refer to enterprises, credits/deposits which refer to the households. By maturity, the credits are divided to: short-term and long-term; and the deposits: sight deposits, short-term and long-term time deposits.

**Foreign currency credits/deposits** are classified by three criteria: by sector, by currency and by maturity. By sector classification, they are divided to: credits/deposits which refer to enterprises, credits/deposits referring to households. By maturity, credits are divided to: short-term and long-term; and the deposits to: sight deposits, short-term and long-term time deposits. By currency, they are divided to: credits/deposits in euros and in USA dollars.



Interest rates on credits and deposits are in percents on annual level.

#### Table no. 17 Interest rates of the National Bank of the Republic of Macedonia

1. Discount rate is valid interest rate in the current month.
2. Interest rate on credits over night - Lombard credit is the valid interest rate in the current month.
3. Interest rate on repo transactions for creating liquidity in the banking system is shown as average weighted interest rate achieved at the auctions in that month.
4. Interest rate on CB bills is shown as average weighted interest rate achieved at the auctions with maturity of 28 days in that month. The interest rate is differentiated by the type of tender which can be: volume tender or interest rate tender.
5. Interest rate on repo transactions for liquidity withdrawal from the banking system is shown as average weighted interest rate achieved at the auctions in that month.

#### Table no. 18 Reserve requirement of banks and saving houses

Banks and saving houses allocate reserve requirement based on the average deposit stock in the previous month. The period of maintaining the reserve requirements covers the period from the 11th in the current month to the 10th in the following month. The fulfilling of the banks' reserve requirement in denars is on average basis, whereas the saving houses' reserve requirement in denars and the banks' reserve requirement in foreign currency are on fixed basis.

#### Table no.19 Interest rates on Government securities

Interest rates on Government securities are shown as average weighted interest rate achieved on the auctions in the adequate month with fixed maturity.

### FOREIGN EXCHANGE SECTOR

#### Table no. 20-25 BALANCE OF PAYMENTS

Balance of payments is a statistical statement that systematically summarizes, for a specific time period, the economic transactions of the Republic of Macedonia with the rest of the world.

According to the Law on the National Bank of the Republic of Macedonia and the regulations in the area of foreign exchange operations, the National Bank of the Republic of Macedonia (NBRM) is responsible for compiling and monitoring of the execution of the Balance of payments.

Statistics of the Balance of payments of the Republic of Macedonia is prepared basically in accordance with the methodology of the International Monetary Fund (Balance of Payments Manual, fifth edition - BPM 5). The data are disseminated (issued) on monthly basis, in millions of euros and USA dollars. The transactions which are denominated in other currencies are converted in euros and USA dollars equivalent to the exchange rate on the day of the transaction.

The main sources of data for compiling the balance of payments are the following:

- the single administrative document (SAD) for the foreign trade of the Republic of Macedonia;
- the system for reporting on the banks' international payment operations (ITRS);
- the system for reporting on the external debt (from the credit indebtedness);
- the banks' reports on the stock of assets and liabilities (the banks' report on the deposit money banks book keeping stock);



- the monthly reports on stocks and flows (changes and stocks) on the accounts abroad of the residents which are not authorized banks and the stock and flow on settlement accounts (monthly reports-MR);
- additional NBRM's reports on the realized turnover in exchange offices and on the official foreign exchange reserves stock of the Republic of Macedonia;
- data from the annual direct investment survey - DI 22.

## BALANCE OF PAYMENTS: SEPARATE ITEMS

### CURRENT ACCOUNT

#### Goods

The source of data on the foreign trade of the Republic of Macedonia is the SAD, which is prepared by the Customs Administration of the Republic of Macedonia, and it is processed and published by the State Statistical Office of the Republic of Macedonia and the NBRM.

In accordance with the methodology on recording the foreign trade in the trade statistics, the State Statistical Office is publishing the data for the exports on the f.o.b. basis, while regarding the imports, on the c.i.f. basis.

Adjustment for the coverage and classification are made for good's item in the balance of payments in line with the recommendations given in the BPM5, especially regarding the following:

- coverage: regarding the return of goods and the invoiced value of the performed service for the repair of goods;
- classification: regarding the c.i.f./f.o.b. factor and processing of goods. In the balance of payments, both the exports and the imports are presented on f.o.b. basis, because of which an adjustment of the c.i.f. imports for c.i.f./f.o.b. factor is necessary. In the period from 1993 to 1997, the c.i.f./f.o.b. factor was determined on the basis of the average internationally set rates for calculation of these expenses. Since 1998, the c.i.f./f.o.b. factor is calculated on the basis of established methodology based on the SAD data on transport and insurance of the parities with a destination in the Republic of Macedonia adjusted to the overall imports.

The item import of goods in ports by carriers is based on data from the monthly reports - MR.

#### Services

**Transportation:** The data that refer to the transportation are taken from the ITRS and the monthly reports MR. There is a possibility for making a desegregation by the type of transport (air, sea, railway and road), and on the basis of the category of services (freight, passengers and other). The adjustment is made for the outflow of transportation services (transport of goods) regarding the c.i.f./f.o.b. factor that refers to the costs of transport of goods provided by non-residents.

**Travel:** The data originate from the ITRS and the monthly reports-MR.

**Other services:** The data are taken from the ITRS for the receipts from and payments to non-residents on the basis of type of services: telecommunication, construction, insurance, business, government and other services. The adjustment is made for the insurance outflow regarding the c.i.f./f.o.b. factor that refers to the costs insurance of the transport of goods. Additional source on data for certain types of services are the data from the monthly reports – MR.

#### Income

The income as a balance of payments' component originates from: compensation of employees (residents employed with non-residents and vice versa) and investment income. Investment income represents a capital gain from the direct investment, portfolio investment and other investment (dividends, loan and credit interests, etc.).

**Direct investment income:** The data include dividends and distributed branch profits, as well as reinvested earnings and undistributed branch profits. Major data source for the receipts and payments of dividends is the ITRS. For the previous years a basic data source for reinvested earnings is the annual direct investment survey, while for the current year estimates are based on data from the previous years.



**Other investment income:** The data include received and paid interest on the deposits, short-term, medium-term and long-term loans and credits. The received interest consists of the inflows of interest on foreign currency deposits on the foreign accounts (interest on the foreign exchange reserves and on the foreign exchange assets of the banks). The data sources are the ITRS and the NBRM's reports on the official foreign exchange reserves stock. The paid interests refer to the due current liabilities on disbursed medium-term and long-term foreign loans and credits. The source of data is external debt reports, which are obligatorily recorded in the NBRM (credit indebtedness).

### Current transfers

**The official transfers** mainly refer to the assistance in financial assets and goods received by foreign governments and international organizations. The source of the data for the transfers in financial assets is the ITRS, while regarding the transfers in goods is the customs administration documents.

**The private transfers** consist of: remittances, cash exchanged and other transfers of which the most are compensations of employees. The source of data is the ITRS. Cash exchanged on the exchange market in accordance with the BPM5 should be classified in the capital and financial account of the balance of payments. However, regarding the fact that the largest part of these assets originates from the residents' receipts from non-residents on the basis of provided goods and services (unrecorded transactions) and transfers received in cash foreign currency, these transactions are recorded as a part of the balance of payments' current account (private transfers).

## CAPITAL AND FINANCIAL ACCOUNT

### CAPITAL ACCOUNT

This account encompasses the capital transfers for which source of data is the ITRS.

### FINANCIAL ACCOUNT

**Direct investment:** The direct investment include equity, reinvested earnings and other capital. Trade credits, long-term and short-term loans between affiliates are recorded under other capital. Basic data source for the previous years is the annual direct investment survey DI 22. The source of data for the investment in financial assets is the ITRS, while regarding the investment in goods is the customs administration documents. For the current year data on reinvested earnings and other capital are estimates based on data from the previous years.

**Portfolio investment:** The source of data for the portfolio investment is the ITRS.

### Other investment:

**Trade credits:** The trade credits (extended to and received from foreign countries) represent a differential between the exports/imports of goods and the corresponding settlements. The estimated data for the trade credits are derived from the foreign trade data in the administration customs documents and corresponding settlements from the ITRS. If the value of the exported goods is higher than the value of receipts on exports, the difference is recorded as an extended trade credits (with a negative sign). If the value of imported goods is higher than the payments on the imports, the difference is recorded as a received trade credits (with a positive sign). Additional source of data are the data from the monthly reports – MR.

**Loans:** Within the “loans” category, disbursements and amortization on medium-term and long-term loans and credits are recorded. Principal and interest arrears are also recorded as a counter-entry in the category other investment – other. The data are based on the reports on medium-term and long-term public and private external debt prepared by the NBRM, which are obligatory recorded in the NBRM.

**Currency and deposits:** The data primarily refer to the changes in the foreign exchange assets and foreign exchange liabilities of the banks. The sources of data are the monthly bank's reports on the deposit money banks' book-keeping stock and the ITRS. The changes of foreign exchange assets and foreign exchange liabilities of the banks are showing with partly excluding of valuation changes. The changes of foreign exchange assets of individuals include net cash deposited on foreign exchange accounts with the banks, reduced for the imports of goods by the individuals. The source of data for net cash deposited on foreign exchange accounts with



the banks is the ITRS and for imports of goods is the SAD. Additional source of data on currency and deposits for other sectors are the data from the monthly reports – MR.

**Gross official reserve assets:** The data refer to the changes in the stock of the official foreign exchange reserves. The source of data are the reports of the NBRM regarding the foreign exchange reserves stock calculated according to the exchange rate on the date of the reporting period.

#### Table no. 26 and 27 Foreign trade

The source of the data regarding the foreign trade is the State Statistical Office of the Republic of Macedonia. The data on the international trade of goods of the Republic of Macedonia is prepared in accordance with the main statistical standards, definitions and recommendations of the UN regarding the concepts and definitions of the foreign trade statistics. The data relating to the exports are published on f.o.b., while those relating to the imports, on c.i.f. basis.

#### Table no. 28 and 29 Stock of foreign direct investment

The calculation and dissemination of foreign direct investment (FDI) data worldwide is based on the methodological recommendations of the Balance of Payments Manual-fifth edition, IMF 1993 and The OECD Benchmark Definition of Foreign Direct Investment-third edition, OECD 1996. In accordance with these recommendations, FDI include:

- equity and reinvested earnings;
- claims on direct investors/affiliates abroad;
- liabilities to direct investors/affiliates abroad.

Methodologically, the reinvested earnings include:

- part of the profit distributed in equity;
- part of the profit distributed in reserves;
- part of the profit distributed for loss coverage from the previous period;
- undistributed earnings;
- uncovered losses;
- losses from previous periods, transformed into claims on the investors;
- earnings from previous periods, transformed into liabilities to the investors.

According to the recommendations of the Balance of Payments Manual-fifth edition, the criterion for classifying a transaction as a direct investment is a minimum 10% of equity participation on the right to vote. Accordingly, the distinction between a portfolio and direct investor is based on the percentage of owned shares in the company.

The methodology applied to calculate foreign direct and portfolio investment in the Republic of Macedonia corresponds fully with the methodologies applied by the member countries of the IMF and OECD.

The FDI data in the Republic of Macedonia are disseminated by the country of the investor and the type of activity of the direct investment company.

#### Table no. 30 and 31 International investment position

The international investment position is a statistical report which presents the position and the structure of the financial claims (assets) of residents on non-residents and the financial liabilities of residents to non-residents arising from their operations. In other words, the international investment position is a balance sheet of the international financial assets and liabilities of a country on a certain date, often at the end of the year.

International financial assets of the country comprise of the direct and portfolio investments of resident legal entities and natural persons in other countries including the investments in financial derivatives, other investments of residents abroad in the form of extended loans and credits, foreign assets of resident banks with foreign commercial banks, as well as the official foreign reserves. International financial liabilities of the country comprise of the liabilities based on direct and portfolio investments of non-resident legal entities and natural



persons in the country including the investments in financial derivatives, liabilities on the basis of other investments of non-residents in the country in the form of used loans and credits, and liabilities on the basis of deposits of foreign legal entities and natural persons with resident banks.

The difference between the total international financial assets and liabilities presents the net-international investment position of a country. This means that the international investment position of the Republic of Macedonia is a difference between the investments of residents with non-residents (its international assets) and the investments of non-residents with residents (its international liabilities).

*Direct investments* are investments by which the investor intends to establish a permanent economic link and/or to exercise right to manage the legal entity it invests in. In line with the international recommendations and standards, a minimum share of 10% in the capital or voting right in the legal entity the investment is made in, is used as a criterion for defining direct investments. Direct investments include shareholders' capital, reinvested gain and the debt of connected entities. Source of data on direct investments for compiling the international investment position of the Republic of Macedonia are the questionnaires - reports on the condition and the turnover of the connected entities which all resident legal entities submit to the NBRM on annual basis, and are related to the investments to and from other countries.

*Portfolio investments* include the investments in debt securities and in equity instruments, where the investor owns less than 10% of the shareholders' capital or does not have voting right. Source of data on the investments in equity instruments for compiling the international investment position of the Republic of Macedonia are the annual questionnaires - reports on the condition and the turnover of the connected entities, while for the investment in debt securities data are used on the international payment operations of commercial banks (in line with the Reporting system for international transactions), reports on operations with securities from the authorized participants in the Macedonian Stock exchange, as well as the data base of the Central Securities Depository. For calculation of the market value of the securities, data on the market prices from the Macedonian Stock Exchange are used.

*Other investments* include the assets and the liabilities on the basis of short-term and long-term financial and trade credits and loans, currencies and deposits and other assets and liabilities. In line with the Balance of Payments Manual of the IMF, trade credits denote claims and liabilities arising from international commercial operations of residents (on the basis of import/export of goods and services, advance payment, etc.) Source of data on the trade credits for compiling the international investment position of the Republic of Macedonia are the quarterly reports on the claims and liabilities on the basis of international commercial operations of residents (KIPD Form), while for the financial credits and loans records of registered foreign credits are used (KZ and KO Forms). Currencies and deposits include the deposits which resident banks keep abroad, i.e. liabilities of resident banks to non-residents. Sources of data for this item are the monthly balance sheet of the commercial banks and international payment operations of banks.

#### **Table no. 32-34 Gross external debt, Gross external claims and Net external debt**

##### **General methodological notes**

The National Bank of the Republic of Macedonia (National Bank) is the institution responsible for recording and monitoring of the external debt of the Republic of Macedonia in accordance with the legislation i.e. the Law on the National Bank of the Republic of Macedonia and the Foreign Exchange Law.

The external debt statistics is prepared in accordance with the External Debt Statistics Guide<sup>1</sup> (Guide).

##### **Gross external debt**

Gross external debt, at any given time, is the outstanding amount of those actual current, and not contingent, liabilities that require payment(s) of principal and /or interest by the debtor at some point(s) in the future and that are owed to nonresidents by residents of an economy. According to this definition, gross external debt at a certain date is the stock of all future liabilities of residents to nonresidents, future installments of principal, arrears in principal and interest, as well as late (default) interest, regardless of the type of instrument and maturity.

<sup>1</sup> External Debt Statistics: Guide for compilers and Users, IMF, 2003



### **Gross external claims**

Gross external claims are the stock of all current, not contingent claims based on debt instruments, of residents from nonresidents. Basically, the definition of gross external claims is identical with the definition of gross external debt, having in mind that the claims of one economy are liabilities for other.

### **Net external debt**

Net external debt is defined as the difference between the stock of gross external debt and gross external claims. In its structure, net external debt is identical with the gross external debt, where the standard presentations contains classification by institutional sectors, maturity and debt instruments.

According to the Guide, the basic classification of debt is among the four basic institutional sectors of an economy:

- general government (government units that exist at each level—central and local—of government within the national economy and all social security funds operated at each level of government);
- monetary authorities - (the central bank or other institution carrying out the operations of a monetary authority);
- banking sector (financial intermediaries carrying out activities of taking deposits and extending credits);
- other sectors (non-bank financial intermediaries, non-financial corporations, households and non-profit institutions serving households).

Furthermore, within each of the sectors, debt is classified by maturity, on short term (with original maturity of one year or less) and long term (maturities of more than one year). On the third level of disaggregation, debt is distributed amongst the standard types of debt instruments, such as:

- trade credits - consist of claims or liabilities arising from the direct extension of credit by suppliers for transactions in goods and services, and advance payment by buyers for goods and services and for work in progress (or to be undertaken);
- loans - include those claims or liabilities created through the direct lending of funds by a creditor (lender) to a debtor (borrower) based on a credit agreement;
- debt securities - creation of debt or a claim through the issuance/purchasing of securities as part of the portfolio investment in the country, being traded on organized markets or over-the-counter;
- currency and deposits - currency (notes and coins) are claims on a central bank or a government that have issued them, from the nonresident holders. Liabilities on deposits are liabilities of the financial institutions that take deposits to nonresident depositors, while claims on deposits arise from the funds deposited with nonresident financial institutions; and
- other - other claims and liabilities, not included under previous debt instruments. An important category within this item are arrears, that have a treatment of short-term claims/liabilities, as they are considered to be immediately due and are a cumulative amount of arrears on all previously mentioned instruments.

Direct investment - intercompany lending claims or liabilities are shown separately. The separation of these claims/liabilities within net external debt is significant in view of the necessary compatibility with the IIP statement, where these claims/liabilities are incorporated within the item Direct investment (Other capital).

From the aspect of valuation, the Guide recommends the nominal value to be used for all debt instruments, except debt securities, where it is recommended to use the market value of debt. This is entirely consistent with the methodological recommendations for the compilation of the IIP of a country.

Stock data, repayment schedules, arrears and new commitments are converted into the unit of account using the mid exchange rate of the National Bank at the cut-off date. Flow data, disbursements and repayments, are converted into the unit of account using the mid exchange rate of the National Bank on the day of the transaction.

The stock of debt is a result of disbursements, decreased for the amortization (repayments of principal), increased for the amounts of capitalized interest in arrears and default interest. Having in mind the fact that stock data are converted using the end period exchange rate, while the flow data are converted using the transaction date exchange rate, discrepancies between debt stock at end-period and beginning of period differ from the net flows, as they include the exchange rate differentials as well.



## **Data sources and methodology for compiling net external debt of the Republic of Macedonia**

### ***Data sources for the net external debt of the General Government sector***

-for the category debt securities (bonds and money market instruments) - for debt securities issued abroad and bought by nonresidents, data from the reporting system on external debt (CI);

-for the category debt securities (bonds and money market instruments) - for debt securities issued domestically and bought by nonresidents, data from the reports on operations with securities from the authorized participants in the Macedonian Stock exchange, as well as the data base of the Central Securities Depository are used, while for calculation of the market value of the securities, data on the market prices from the Macedonian Stock Exchange are used. For the current year, the calculation of this item is based on the stock of debt at the end of the previous year increased for the flows from the balance of payments in the item portfolio investment - debt securities.

- for the category loans the data are used from the reporting system on external debt (CI) -the credit records statistics is conveyed by the NBRM and is based on a loan-by-loan data base containing various elements. Various data can be obtained from this data base on the stock of external debt, disbursement, repayments, arrears etc.; and the reporting system on external claims (CC) -the credit records statistics is conveyed by the NBRM and is based on a loan-by-loan data base containing various elements. Various data can be obtained from this data base on the stock of external claims, disbursement, repayments, arrears etc.;

### ***Data sources for the net external debt of the Monetary Authority sector***

-for the category debt securities (bonds and money market instruments) - data from reports of the NBRM on the official foreign reserves of the Republic of Macedonia;

- for the category currency and deposits - data from reports of the NBRM on the official foreign reserves of the Republic of Macedonia;

- for the category loans the data are used from the reporting system on external debt (CI)

### ***Data sources for the net external debt of the Banking sector***

- for the category loans the data are used from the reporting system on external debt (CI) and the reporting system on external claims (CC);

- for the category currency and deposits - data from reports of the banks on assets and liabilities - monthly monthly balance sheet of the commercial banks;

- for the category other - the data on arrears are used from the reporting system on external debt (CI) and the reporting system on external claims (CC);

### ***Data sources for the net external debt of the Other sectors***

- for the category loans the data are used from the reporting system on external debt (CI) and the reporting system on external claims (CC);

- for the category currency and deposits - data from the monthly reports of resident accounts held abroad (MR);

-for the category short-term trade credits - data are used from the quarterly reports on the claims and liabilities on the basis of international commercial operations of residents (KIPO Form). An exception is made for 2007, where due to the introduction of a new survey still in its testing period, data on liabilities/claims based on the stock of debt/claims at the end of the previous year increased for the flows from the balance of payments in the item other investment - trade credits.

- for the category long-term trade credits the data are used from the reporting system on external debt (CI) and the reporting system on external claims (CC);

- for the category other - the data on arrears are used from the reporting system on external debt (CI) and the reporting system on external claims (CC);

### ***Data sources for the net external debt Intercompany lending (Direct investment)***

- a basic data source for the claims and liabilities based on intercompany lending data are used from the annual direct investment survey - inward (DI 22) and outward (DI 11), which all resident legal entities submit to the NBRM on annual basis, and are related to the investments to and from other countries. For the current year, due to lack of data from the basic data source, for intercompany lending in the form of loans data are used from the reporting system on external debt (CI) and the reporting system on external claims (CC), that contain



information on relations between creditors and debtors with regard to ownership; for intercompany lending in the form of trade credits data are used from the quarterly reports on the claims and liabilities on the basis of international commercial operations of residents (KIPO Form), where the participation of claims/liabilities of connected entities is estimated based on the participation recorded in previous years.

Data for the period 2004-2005 are disseminated annually, while starting with 2006 data are disseminated quarterly, in Euro and US Dollars.

#### Table no. 35 Reserve assets

The data reflect the stock of reserve assets and other foreign assets.

Reserve assets being those external assets that are readily available to and controlled by the monetary authorities, consist of: monetary gold, SDRs, reserve position in the Fund and foreign exchange assets.

The components of reserve assets are defined in accordance with the methodology of the International Monetary Fund (Balance of Payments Manual, fifth edition).

The stock of reserve assets is calculated using the mid exchange rate of NBRM on the day for which the data are disseminated.

##### Monetary gold

**Gold:** The category monetary gold encompasses gold handled by the NBRM, consisting of gold in the NBRM's treasury, gold granulates, monetary gold deposited in foreign banks and monetary gold in transport.

**Gold deposits:** Gold deposits consist of term deposits in gold with foreign banks for a longer period of time.

##### Foreign exchange

**Deposits with foreign banks:** This category comprises of foreign exchange on nostro accounts with foreign banks, assets with foreign banks used as coverage for opened letters of credit and guarantees, placements in subordinated deposits in foreign currencies with non-residents, as well as term foreign exchange deposits abroad.

**Cash in treasury:** Cash in treasury consists of cash foreign tenders of payment within the treasury, foreign exchange cheques received at the counter, cheques sent abroad for settlement, as well as cheques received for settlement by domestic banks.

**Securities:** This category includes the foreign exchange assets placed in debt coupon and discount securities issued or guaranteed by foreign governments, central banks, multilateral development banks and international financial institutions, as well as foreign exchange assets placed in collateralized and agencies' bonds.

##### Other foreign assets

This category consists of placements in subordinated foreign currency deposits with non-residents, foreign exchange assets with foreign banks used as collateral for issued guarantees, foreign exchange assets received on accounts of the government, as well as placements in equity securities issued by non-residents (BIS equity shares) in foreign currency readily available for sale.

#### Table no. 36 and 37 Denar exchange rate - average in the period and in the end of the month

The average annual exchange rates are calculated as an arithmetical average of the monthly average rates.



The average quarterly exchange rates are calculated as an arithmetical average of the average monthly exchange rates in the given quarter.

The average monthly rates are calculated as an arithmetical average of the average daily exchange rates.

The exchange rates at the end of the month represents the daily middle exchange rate at the exchange rates list of the NBRM for the last day of the month.

#### **Table no. 38 Indices on effective exchange rate of the Denar**

The real effective exchange rate represents an index number which is a quotient of index of the nominal effective exchange rate of the Denar and the relative price index.

The index of the nominal effective exchange rate (NEER) of the Denar is calculated as weighted geometrical mean of bilateral average monthly exchange rates of 12 larger external trade partners of the Republic of Macedonia (Austria, France, Germany, Greece, Italy, Holland, Switzerland, Great Britain, USA, Slovenia, Turkey and Serbia) with base period 1995=100 and ponders based on foreign trade in 2003.

The relative price index is ration between the average weighted index of the indices of foreign prices of countries, which corresponds with the choice of the countries on currencies which are used for calculating the NEER of the Denar and the index of domestic prices, with base period 1995=100 and ponders based on foreign trade in 2003. The Consumer Price Index (CPI) and the Producer Price Index (PPI) are being used as deflators.