

### **Bosnia and Herzegovina: Statistical Appendix**

This Statistical Appendix paper for **Bosnia and Herzegovina** was prepared by a staff team of the International Monetary Fund as background documentation for the periodic consultation with the member country. It is based on the information available at the time it was completed on **February 11, 2002**. The views expressed in this document are those of the staff team and do not necessarily reflect the views of the government of **Bosnia and Herzegovina** or the Executive Board of the IMF.

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BOSNIA AND HERZEGOVINA

**Statistical Appendix**

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Approved by European 1 Department

February 11, 2002

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Table 1. Bosnia and Herzegovina: Federation Gross Domestic Product, 1997-2000  
By Sector of Economic Activity Based on the 1993 System of National Accounts (SNA) 1/  
(Current prices, millions of KM)

	1997	1998	1999	2000 Prelim.
Agriculture, hunting, and forestry	583	612	564	482
Fishing	1	2	1	1
Mining	101	107	129	153
Manufacturing	807	693	653	745
Electricity, gas, and water	215	326	395	406
Construction	258	333	306	308
Wholesale and retail trade	829	549	604	584
Catering	119	103	117	116
Transport and communications	359	455	565	606
Financial intermediation	190	185	193	255
Real estate and business services	180	126	135	148
Public administration and defense	570	644	706	859
Education	235	283	341	366
Health and social welfare	207	222	291	322
Other personal services	95	112	122	134
GDP at factor costs	4,748	4,751	5,121	5,483
Inputted bank services	...	-110	-115	-157
Taxes on products and imports less subsidies	...	961	1,136	1,372
Gross Domestic Product at market prices	4,943 2/	5,602	6,142	6,699
Gross Domestic Product in U.S. dollars	2,841	3,183	3,356	3,161
Gross Domestic Product per capita in U.S. dollars	1,774	2,000	2,187	2,392
Gross Domestic Product per capita in KMs	1,019	1,136	1,195	1,129
Memorandum item:				
Population estimates	2,786	2,801	2,808	2,801

Sources: Data provided by the authorities, and IMF staff estimates.

1/ GDP data on expenditure basis are not available.

2/ Adjusted for adoption of SNA method.

Table 2. Bosnia and Herzegovina: Federation Gross Domestic Product by Type of Activity, 1995-1998  
Based on the Standard Classification of Activity method (SCA) method  
(Millions of KM at current prices )

	1995	1996	1997	1998
Industry and mining	413	592	940	1,128
Agriculture and fisheries	432	456	531	533
Forestry	12	44	57	85
Water management	1	4	8	4
Construction	70	132	231	328
Services	1,034	1,820	2,981	3,330
Transport and communications	124	199	354	459
Trade	498	604	857	882
Catering and tourism	45	81	126	133
Handicrafts	35	92	113	127
Housing and public utilities	17	64	87	123
Technical and business services	71	144	150	157
Banking and insurance	44	106	187	212
Education and culture	41	176	301	345
Health care and social services	40	140	221	236
Government administration	119	216	585	656
Gross Domestic Product	1,963	3,049	4,748	5,407

Source: Data provided by the authorities.

Table 3. Bosnia and Herzegovina, Republika Srpska,  
Gross Domestic Product by Type of Activity, 1995-1999 1/ 2/  
(In millions of KM )

	1995	1996	1997	1998 3/	1999
Industry and mining	223	286	305	428	476
Agriculture and fisheries	204	301	391	438	525
Forestry	11	44	54	70	57
Water management	1	1	1	2	4
Construction	13	45	62	73	116
Services	261	397	554	722	1,004
Transport and communications	41	68	87	108	145
Trade	48	84	135	166	221
Catering and tourism	15	26	40	46	62
Handicrafts	5	8	11	15	20
Housing and public utilities	8	10	16	24	44
Banking, insurance and other services	38	53	87	102	155
Education and culture	27	25	48	82	109
Health care and social services	30	24	39	70	100
Government administration	50	98	93	109	148
Gross Domestic Product	712	1,076	1,368	1,734	2,181

Sources: Data provided by the authorities, and IMF staff estimates.

1/ Staff estimates derived from data provided by the authorities based on material balances method.

2/ GDP data on expenditure basis are not available.

3/ Converted into KMs at parallel YUD/DM rates.

Table 4. Bosnia and Herzegovina: Republika Srpska:  
Gross Domestic Product by Sector of Economic Activity, 1999-2000 1/  
(In millions of KMs at current prices)

	1999	2000
Agriculture, hunting, and forestry	575	549
Fishing	2	1
Mining	20	29
Manufacturing	288	237
Electricity, gas, and water	179	205
Construction	148	153
Wholesale and retail trade	152	187
Catering	54	71
Transport and communications	146	202
Financial intermediation	67	82
Real estate and business services	38	39
Public administration and defense	211	255
Education	91	127
Health and social welfare	90	123
Other personal services	48	43
GDP at factor costs	2,109	2,304
FISIM	-73	-79
Taxes on products and imports less subsidies	163	337
GDP at market prices	2,199	2,562
Gross Domestic Product in U.S. dollars	1,202	1,209
Gross Domestic Product per capita in U.S. dollars	830	823
Gross Domestic Product per capita in KMs	1,518	1,744
Memorandum item:		
Population estimates	1,448	1,469

Sources: Data provided by the authorities; and IMF staff estimates.

1/ Preliminary data.

Table 5. Bosnia and Herzegovina: Monthly Index of Industrial Production, 1997-2001

		Republika Srpska		Federation	
		Dec 1995 = 100	Percent change relative to previous year	Dec. 1995=100	Percent change relative to previous year
1997		176	26.6	255	35.7
1998		217	23.5	315	23.8
1999		220	1.6	349	10.6
2000		234	6.0	379	8.8
2001		204	-12.9	426	12.2
Monthly Index 1/					
1999	January	82	...	93	...
(1998=100)	February	101	...	92	...
	March	116	...	103	...
	April	86	...	104	...
	May	83	...	101	...
	June	100	...	110	...
	July	91	...	110	...
	August	103	...	115	...
	September	124	...	118	...
	October	120	...	128	...
	November	99	...	126	...
	December	119	...	127	...
2000	January	82	...	103	...
(1999=100)	February	101	...	101	...
	March	126	...	108	...
	April	101	...	104	...
	May	100	...	109	...
	June	107	...	109	...
	July	100	...	99	...
	August	111	...	107	...
	September	105	...	111	...
	October	96	...	122	...
	November	116	...	121	...
	December	120	...	118	...
2001	January	83	...	106	...
(2000=100)	February	83	...	105	...
	March	97	...	118	...
	April	91	...	109	...
	May	87	...	114	...
	June	84	...	111	...
	July	82	...	110	...
	August	85	...	115	...
	September	83	...	107	...
	October	90	...	115	...
	November	89	...	122	...
	December	85	...	116	...

Sources: Data provided by the authorities; and IMF staff estimates.

1/ Compares production in each month to the average production of the previous year.



Table 6. Bosnia and Herzegovina: Selected Crop Production, 1995-2001

	1995	1996	1997	1998	1999	2000	2001
	(In thousand of tons)						
Wheat	216,865	158,795	287,372	340,931	258,374	336,085	53,740 1/
Barley, Oats and Rye	64,060	79,185	124,242	139,071	127,097	122,182	31,993 1/
Maize	512,432	600,664	830,451	704,185	984,046	471,963	...
Soybean	2,094	5,776	6,504	7,165	7,959	3,621	...
Tobacco	3,113	2,914	2,807	4,566	4,344	3,233	...
Potatoes	299,258	379,060	423,849	413,440	437,854	286,321	...
Onions	23,763	33,470	40,163	42,850	36,560	21,867	...
Beans	11,282	13,889	14,303	14,322	14,149	5,372	...
Cabbage and Kale	55,849	73,239	97,953	96,042	111,573	69,067	...
Tomatoes	34,442	33,300	40,120	46,013	36,855	29,849	...
Green pepper	20,727	24,681	34,855	35,783	42,147	29,205	...
Clover	142,213	192,769	227,220	195,664	215,596	125,568	...
Lucerne	78,885	108,122	151,863	145,749	167,168	102,622	...
Maize for fodder	69,939	45,255	59,614	111,198	141,385	119,234	...
Mixture of grasses and legume	40,660	53,792	47,883	40,905	84,851	42,669	...
Apples	...	53,812	54,820	59,001	...	...	...
Plums	...	177,515	129,813	149,045	...	...	...
	(Percentage change)						
Wheat	6.2	-26.8	81.0	18.6	-24.2	30.1	
Barley, Oats and Rye	-27.8	23.6	56.9	11.9	-8.6	-3.9	
Maize	-8.3	17.2	38.3	-15.2	39.7	-52.0	
Soybean	-57.5	175.8	12.6	10.2	11.1	-54.5	
Tobacco	6.5	-6.4	-3.7	62.7	-4.9	-25.6	
Potatoes	4.1	26.7	11.8	-2.5	5.9	-34.6	
Onions	46.5	40.8	20.0	6.7	-14.7	-40.2	
Beans	9.5	23.1	3.0	0.1	-1.2	-62.0	
Cabbage and Kale	2.5	31.1	33.7	-2.0	16.2	-38.1	
Tomatoes	-13.2	-3.3	20.5	14.7	-19.9	-19.0	
Green pepper	-16.2	19.1	41.2	2.7	17.8	-30.7	
Clover	-5.2	35.5	17.9	-13.9	10.2	-41.8	
Lucerne	-15.9	37.1	40.5	-4.0	14.7	-38.6	
Maize for fodder	-23.3	-35.3	31.7	86.5	27.1	-15.7	
Mixture of grasses and legume	-12.6	32.3	-11.0	-14.6	107.4	-49.7	
Apples	...	...	1.9	7.6	...	...	
Plums	...	...	-26.9	14.8	...	...	

Sources: Data provided by the authorities and IMF staff estimates.

1/ Early crops only.

Table 7. Bosnia and Herzegovina: Construction, 1997-2001

	Federation			Republika Srpska		
	Effective hours of production 1/	Monthly percent change	Percent change relative to previous year	Effective hours of production 1/	Monthly percent change	Percent change relative to previous year
1997	15,639,001	...	12.4	5,706,888	...	17.7
1998	18,377,737	...	17.5	7,698,398	...	34.9
1999	15,550,940	...	-7.1	10,331,615	...	18.6
2000	19,228,665		23.6	11,145,056		7.9
1999 January	952,437	-42.0	-5.3	372,299	-50.0	21.5
February	1,052,811	10.5	-2.8	527,104	41.6	36.2
March	1,170,813	11.2	3.7	772,555	46.6	58.7
April	1,417,402	21.1	11.1	807,739	4.6	68.2
May	1,430,828	0.9	-3.1	860,913	6.6	55.4
June	1,432,134	0.1	-9.0	964,080	12.0	36.1
July	1,586,166	10.8	-7.4	999,138	3.6	29.7
August	1,673,959	5.5	-0.2	1,017,764	1.9	28.9
September	1,617,287	-3.4	-15.6	1,033,583	1.6	21.8
October	1,615,321	-0.1	-16.4	1,024,508	-0.9	26.1
November	1,601,782	-0.8	-18.0	906,488	-11.5	11.9
December	1,281,735	-20.0		1,045,444	15.3	40.5
2000 January	848,732			320,787	-69.3	-13.8
February	1,128,213	32.9	7.2	528,214	64.7	0.2
March	1,416,710	25.6	21.0	921,406	74.4	19.3
April	1,539,481	8.7	8.6	913,265	-0.9	13.1
May	1,672,000	8.6	16.9	1,000,854	9.6	16.3
June	1,866,136	21.2	30.4	1,067,855	16.9	10.8
July	1,786,777	-4.3	24.8	1,054,328	-1.3	5.5
August	1,867,971	4.5	17.8	1,162,934	10.3	14.3
September	1,812,859	-3.0	8.3	1,075,101	-7.6	4.0
October	1,849,283	2.0	14.3	1,098,671	2.2	7.2
November	1,800,691	-2.6	11.5	1,048,291	-4.6	15.6
December	1,639,812	-8.9	2.4	953,350	-9.1	-8.8
2001 January	...	...	...	439,870	-53.9	37.1
February	...	...	...	584,857	33.0	10.7
March	...	...	...	700,243	19.7	-24.0
April	...	...	...	769,054	9.8	-15.8
May	...	...	...	834,997	8.6	-16.6
June	...	...	...	805,685	-3.5	-24.6
July	...	...	...	878,410	9.0	-16.7
August	...	...	...	930,076	5.9	-20.0
September	...	...	...	838,051	-9.9	-22.0

Sources: Data provided by the authorities, and IMF staff estimates.

1/ Number of effective hours spent by construction workers on construction site. Does not include engineers and managers.

Table 8. Bosnia and Herzegovina: Transportation and Communications, 1997-2001

	Federation					Republika Srpska				
	1997	1998	1999	2000	2001 1/	1997	1998	1999	2000	2001 2/
Road transport 3/										
Freight (thousands of ton-km)	223,632	273,897	252,350	227,765	204,419	99,151	119,744	111,788	105,572	38,945
Passengers (thousands of passenger-km)	551,133	631,620	574,316	502,756	431,453	491,466	674,181	615,954	811,158	484,029
Urban-suburban transport (thousands of passengers)	157,372	191,625	208,228	213,486	191,870	4,954	6,349	6,561	6,621	3,811
Rail transport 3/										
Freight (thousands of ton-km)	46,339	73,115	114,839	140,000	150,136	2,963	12,292	31,000	83,000	89,000
Passengers (thousands of passenger-km)	5,869	5,118	9,386	9,320	8,740	33,331	52,000	41,000	38,000	30,000
Post and telecommunications services										
Letters delivered and received (thousands)	16,940	32,242	42,124	47,127	24,432	6,053	10,366	12,294	11,107	9,699
Number of vehicles registered	194,930	343,974	416,758	422,806	...	...	...	...	...	...
(Percentage change)										
Road transport										
Freight, ton-km	73.8	22.5	-7.9	-9.7	-1.9 4/	14.3	20.8	-6.6	-5.6	-50.6 5/
Passengers, passenger-km	17.8	14.6	-9.1	-12.5	-6.7 4/	9.8	37.2	-8.6	31.7	-18.2 5/
Urban-Suburban Transport, number of passengers	67.4	17.6	8.7	2.5	-1.8 4/	-11.9	2.7	3.3	0.9	-24.5 5/
Rail transport										
Freight, ton-km	148.1	56.6	57.1	21.9	25.5 4/	-57.7	314.8	152.2	167.7	78.0 5/
Passengers, passenger-km	-80.5	-12.8	83.4	-0.7	-0.1 4/	7.5	50.2	-21.2	-7.3	3.4 5/
Post and telecommunications services										
Letters delivered and received	46.3	64.2	30.6	11.9	-36.2 4/	48.8	71.3	18.6	-9.7	12.5 5/
Number of vehicles registered	...	76.5	21.2	1.5	...	...	...	...	...	...

Sources: Federation and Republika Srpska Statistical Offices.

1/ January to November.

2/ January to September.

3/ Public transport only.

4/ Growth rate January-November 2001 compared to January-November 2000.

5/ Growth rate January-September 2001 compared to January-September 2000.

Table 9. Bosnia and Herzegovina: Employment and Unemployment in the Federation, 1997-2001  
(Annual average)

	Total			Women		Index (previous year=100)		
	Employed 1/	In waiting 2/	Unemployed	Employed or in waiting	Unemployed	Employed 1/	In waiting 2/	Unemployed
1997	285,619	87,781	222,232	92,325	96,788	...	...	...
1998	324,460	70,985	256,487	129,488	115,434	113.6	80.9	115.4
1999	341,703	66,051	261,793	132,265	120,815	105.3	93.0	102.1
2000	359,520	51,288	261,773	135,457	121,839	105.2	77.6	100.0
2001	374,094	33,437	270,202	...	...	104.1	65.2	103.2

Sources: Federal Statistics Office; and IMF staff estimates.

1/ Excludes employees in waiting.

2/ Employees in waiting are formally on enterprise payrolls but are not working or collecting wages.

Table 10. Bosnia and Herzegovina: Average Monthly Wages 1997-2001 1/  
(In KM)

		Federation			Republika Srpska		
		Gross	Net	Wedge in percent 2/	Gross	Net	Wedge in percent 2/
1997	August	420	266	58	174	...	...
1998	Jan.-Dec.	506	329	54	256	...	...
1999	Jan.-Dec.	551	375	47	314	216	46
2000	Jan.-Dec.	606	413	47	384	274	40
2001	Jan.-Dec.	649	442	47	432	309	40
1999	January	532	362	47	295	203	45
	February	547	372	47	283	195	45
	March	537	365	47	289	198	46
	April	552	375	47	290	200	45
	May	548	372	47	292	201	45
	June	542	369	47	307	211	45
	July	556	378	47	334	229	46
	August	552	375	47	312	215	45
	September	560	381	47	320	221	45
	October	551	375	47	307	211	45
	November	562	382	47	335	230	46
	December	567	386	47	393	272	44
2000	January	561	381	47	323	222	45
	February	585	398	47	344	237	45
	March	586	399	47	409	291	41
	April	602	409	47	374	272	38
	May	597	406	47	357	259	38
	June	601	408	47	392	285	38
	July	603	410	47	396	287	38
	August	615	418	47	394	284	39
	September	630	428	47	401	286	40
	October	628	427	47	399	283	41
	November	643	427	50	415	295	41
	December	626	425	47	412	292	41
2001	January	629	427	47	423	300	41
	February	636	433	47	431	305	41
	March	639	434	47	429	304	41
	April	638	434	47	432	307	41
	May	643	437	47	437	309	41
	June	648	441	47	424	298	42
	July	646	439	47	430	303	42
	August	655	455	44	443	312	42
	September	655	446	47	439	309	42
	October	674	459	47	448	313	43
	November	678	461	47	474	312	52
	December	...	...	...	503	332	52

Source: Data provided by the authorities.

1/ Average of monthly wages paid, defined as wage paid during the month (on a cash basis), divided by the number of employees paid.

2/ The difference between gross and net wages, as a percent of gross wages. The difference represents mainly taxes and social contributions.

Table 11. Bosnia and Herzegovina: Retail Price Developments, 1997-2001

	Federation 1/			Republika Srpska 2/			
	Dec. 1995 =100	Monthly percent change	Percent change relative to previous year	in KM			
				Dec. 1995 =100	Monthly percent change	Percent change relative to previous year	
1997	118.2	...	14.4	85.6	...	-7.3	
1998	124.3	...	5.2	73.6	...	-14.0	
1999	123.5	...	-0.6	84.0	...	14.1	
2000	125.8	...	1.9	96.3	...	14.6	
2001	127.7	...	1.5	104.2	...	8.2	
1998	Jan.	123.0	0.5	10.0	66.5	-10.2	-18.3
	Feb.	123.9	0.8	9.8	74.3	11.8	-10.0
	March	125.2	1.0	11.0	73.3	-1.3	-15.9
	April	125.3	0.1	8.0	71.8	-2.0	-23.0
	May	126.4	0.9	5.8	70.1	-2.5	-24.0
	June	125.0	-1.1	4.5	70.2	0.2	-21.8
	July	123.4	-1.3	3.4	73.0	4.0	-19.3
	Aug.	123.4	0.0	3.8	75.9	4.0	-14.7
	Sep.	123.9	0.4	2.5	76.7	1.0	-10.8
	Oct.	123.8	-0.1	1.9	75.9	-1.0	-7.0
	Nov.	123.9	0.1	1.4	77.4	2.0	-2.7
	Dec.	124.5	0.5	1.8	78.2	1.0	5.6
1999	Jan.	124.4	-0.1	1.2	78.4	0.2	17.9
	Feb.	124.7	0.2	0.6	78.4	0.0	5.4
	March	124.5	-0.1	-0.5	80.3	2.5	9.5
	April	124.3	-0.2	-0.8	81.8	1.8	13.8
	May	124.3	0.0	-1.6	82.8	1.3	18.2
	June	123.4	-0.7	-1.3	85.1	2.8	21.3
	July	122.2	-1.0	-1.0	84.5	-0.7	15.8
	Aug.	122.2	0.0	-1.0	85.0	0.5	11.9
	Sep.	123.1	0.8	-0.7	85.5	0.6	11.5
	Oct.	122.5	-0.5	-1.1	88.3	3.3	16.3
	Nov.	122.7	0.2	-1.0	89.1	0.9	15.1
	Dec.	123.4	0.5	-1.0	89.2	0.4	14.0
2000	Jan.	123.8	0.4	-0.5	90.0	0.9	14.8
	Feb.	124.8	0.8	0.1	92.4	2.8	18.0
	March	124.4	-0.3	-0.1	92.5	0.1	15.2
	April	124.3	-0.1	0.0	93.1	0.6	13.9
	May	124.7	0.3	0.3	93.2	0.1	12.5
	June	124.8	0.1	1.1	94.2	1.1	10.7
	July	125.5	0.6	2.7	95.3	1.2	12.8
	Aug.	125.5	0.0	2.7	96.0	0.7	13.0
	Sep.	127.4	1.5	3.5	100.0	4.1	17.0
	Oct.	127.9	0.4	4.4	102.0	2.0	15.5
	Nov.	128.2	0.3	4.5	103.2	1.2	15.9
	Dec.	128.2	0.0	4.0	103.5	0.3	16.1
2001	Jan.	128.9	0.5	4.1	103.2	-0.3	14.7
	Feb.	127.0	0.0	3.3	102.5	-0.7	10.9
	March	128.1	-0.1	3.5	102.8	0.0	11.1
	April	127.0	-1.0	2.6	102.3	-0.5	9.9
	May	128.7	0.4	2.7	102.8	0.5	10.3
	June	128.2	0.0	2.6	104.4	1.6	10.9
	July	127.3	-1.5	0.5	104.4	0.0	9.5
	Aug.	127.7	0.4	0.9	104.4	0.0	9.0
	Sep.	128.6	0.3	-0.3	104.4	0.0	4.7
	Oct.	128.7	0.0	-0.7	105.8	1.2	3.8
	Nov.	128.6	0.4	-0.6	106.3	0.4	3.0
	Dec.	129.0	0.9	0.3	106.4	0.1	2.8

Sources: Federation and Republike Srpska Statistical Offices; and IMF staff estimates.

1/ The new domestic currency (convertible marka, KM) was introduced in August 1997 for noncash transactions, and became available for cash transactions from June 1998; under the currency board arrangement, KM 1 = DM 1.

2/ KM-based index based on parallel market DM/YUD rate observed in Belgrade, Yugoslavia until June 1998. Direct observations of KM prices thereafter.

Table 12. Bosnia and Herzegovina: Monetary Survey, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
					March	June	Oct.	Nov.
Net foreign assets	-500	-435	195	427	510	657	969	1,261
Foreign assets (MA)	144	283	866	1,045	1,059	1,173	1,438	1,675
Foreign assets (DMB)	1,014	887	848	961	1,099	1,157	1,248	1,321
Foreign liabilities (MA)	0	0	0	-1	-1	-1	-1	-1
Foreign liabilities (DMB)	-1,658	-1,606	-1,519	-1,577	-1,646	-1,671	-1,716	-1,734
Domestic credit	2,267	2,635	2,602	2,863	2,967	3,044	3,214	3,217
Claims on central government (net)	-188	-181	-139	-129	-137	-206	-223	-303
Claims on noncentral government	5	9	17	9	16	19	23	23
Claims on private sector	2,450	2,808	2,744	2,983	3,088	3,231	3,414	3,497
Non-financial enterprises and cooperatives	2,315	2,547	2,467	2,564	2,652	2,714	2,723	2,759
Households	121	248	268	384	398	480	654	699
Other	14	13	9	35	37	37	37	38
Broad money	1,178	1,547	2,165	2,467	2,551	2,698	3,135	3,469
Money	252	310	1,100	1,402	1,432	1,571	1,885	2,084
Currency outside banks	113	162	515	652	655	688	878	1,083
Demand deposits of noncentral government	26	21	85	97	154	163	178	185
Demand deposits of the private sector	113	127	499	653	623	720	829	816
Non-financial enterprises and cooperatives	94	103	387	454	494	557	654	637
Households	5	8	34	79	81	94	120	127
Other	14	15	78	119	49	69	55	52
Quasi-money	926	1,237	1,065	1,066	1,119	1,128	1,250	1,386
Time and savings deposits in domestic currency	10	8	22	78	83	89	104	119
Foreign currency deposits	917	1,229	1,043	988	1,036	1,038	1,147	1,266
Other items (net)	589	653	632	823	926	1,003	1,048	1,009
Memorandum items:								
NFA of the central bank	144	283	866	1,046	1,060	1,175	1,439	1,677
NFA of the central bank in percent of currency outside the banks	128	174	168	161	162	171	164	155
NFA of the central bank in percent of broad money	12	18	40	42	42	44	46	48
Broad money growth (year-on-year)	-99.8	31.3	40.0	14.0	20.6	20.5	26.4	43.7
NDA contribution to broad money growth (year-on-year)	-384.8	31.3	-2.2	12.1	14.8	11.0	11.0	11.3
NFA contribution to broad money growth (year-on-year)	254.5	5.5	40.7	10.7	19.4	22.4	28.0	43.6
Other items net contribution to broad money growth (year-on-year)	30.5	-5.5	1.4	-8.8	-13.6	-12.9	-12.6	-11.1
NFA growth (year-on-year)	-100.0	-13.0	-144.8	119.0	411.3	322.0	252.9	502.1
NDA growth (year-on-year)	-99.9	16.2	-1.3	10.0	11.8	8.8	9.3	9.3
Private sector credit growth	-99.9	14.6	-2.3	8.7	9.6	10.0	11.0	13.6
Credit to the household sector (percent growth, year-on-year)	252.7	104.6	8.3	43.3	38.5	45.0	75.7	81.3
Credit to household sector (in percent of GDP)	2.0	3.4	3.2	4.2	4.0	4.8	6.5	6.9
Broad money (in percent of GDP)	19.3	21.1	26.0	26.8	25.3	26.8	31.1	34.4
Domestic Credit (in percent of GDP)	37.1	35.9	31.3	31.1	29.4	30.2	31.9	31.9
Private sector credit (in percent of GDP)	40.1	38.3	33.0	32.4	30.6	32.1	33.9	34.7

Sources: Central Bank of Bosnia and Herzegovina; and IMF staff estimates.

Table 13. Bosnia and Herzegovina: Monetary Authorities, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
	Dec.	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
Total assets	144	283	866	1,045	1,059	1,173	1,294	1,675
Foreign assets	144	283	866	1,045	1,059	1,173	1,294	1,675
Short-term	144	283	866	1,045	1,059	1,146	1,268	1,649
Long-term	0	0	0	0	0	28	25	27
Claims on the general government	0	0	0	0	0	0	0	0
Claims on the private sector	0	0	0	0	0	0	0	0
Total liabilities	144	283	866	1,045	1,059	1,173	1,294	1,675
Reserve money	170	239	814	961	957	1,003	1,121	1,500
<i>Of which: Currency outside the banks</i>	113	162	515	652	655	688	788	1,083
Demand deposits in foreign currency	0	0	0	5	7	0	0	0
Foreign liabilities	0	0	0	1	1	1	1	1
Short-term	0	0	0	1	1	1	1	1
Long-term	0	0	0	0	0	0	0	0
Central government deposits	0	7	9	10	19	43	45	52
Capital accounts	1	30	34	58	68	104	111	118
Other items (net)	-28	7	9	8	7	22	15	4

Source: Central Bank of Bosnia and Herzegovina.



Table 14. Bosnia and Herzegovina: Deposit Money Banks Analytical Accounts, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
	Dec.	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
Total assets	3,669	3,898	3,904	4,265	4,550	4,756	4,969	5,268
Reserves	71	90	275	287	320	329	330	414
Domestic currency in vaults	2	5	23	44	76	87	98	115
Required and liquidity reserves with monetary authorities	69	85	251	243	238	241	230	299
Other deposits and claims on monetary authorities	0	0	1	0	6	1	2	0
Foreign assets	1,014	887	848	961	1,099	1,157	1,257	1,321
Claims on general government	134	113	37	34	42	40	44	36
Claims on private sector	2,450	2,808	2,744	2,983	3,088	3,231	3,338	3,497
Total liabilities	3,669	3,898	3,904	4,265	4,550	4,756	4,969	5,268
General government deposits	317	278	170	143	145	183	200	264
Other demand deposits in domestic currency	139	147	585	750	777	880	976	999
Other demand deposits in foreign currency	554	762	465	555	576	557	569	626
Time and savings deposits in domestic currency	10	8	22	78	83	89	98	119
Time and savings deposits in foreign currency	363	467	577	428	453	482	547	641
Bonds	14	11	9	4	2	2	0	0
Restricted deposits	10	2	0	0	0	0	0	0
Foreign liabilities	1,658	1,606	1,519	1,577	1,646	1,671	1,693	1,734
Government lending funds	0	0	0	7	7	6	5	5
Capital accounts	1,043	1,305	1,257	1,096	1,267	1,305	1,300	1,213
Other items (net)	-440	-688	-701	-374	-406	-419	-417	-333

Source: Central Bank of Bosnia and Herzegovina.

Table 15. Bosnia and Herzegovina: Republika Srpska Deposit Money Banks, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
	Dec.	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
Total assets	748	1,037	1,042	1,102	1,141	1,137	1,088	1,106
Reserves	0	5	11	22	51	52	50	54
Foreign assets	63	127	82	91	89	87	82	101
Claims on general government	2	2	3	6	9	5	6	5
Claims on private sector	683	901	946	983	992	993	950	946
Total liabilities	748	1,037	1,042	1,102	1,141	1,137	1,088	1,106
General government deposits	24	76	52	40	49	51	53	48
Other demand deposits in domestic currency	0	0	103	152	152	174	174	184
Other demand deposits in foreign currency	69	192	39	66	71	60	60	57
Time and savings deposits in domestic currency	0	0	2	11	9	10	10	17
Time and savings deposits in foreign currency	40	119	143	16	12	13	16	23
Foreign liabilities	532	533	597	573	563	570	530	526
Capital accounts	234	290	368	320	367	375	347	358
Other items (net)	-166	-184	-270	-81	-85	-119	-103	-108

Source: Central Bank of Bosnia and Herzegovina.

Table 16. Bosnia and Herzegovina: Federation Deposit Money Banks, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
	Dec.	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
Total assets	2,662	2,719	2,840	3,142	3,387	3,596	3,837	4,140
Reserves	71	85	264	266	269	277	280	359
Foreign assets	803	699	750	854	994	1,052	1,157	1,220
Claims on general government	24	29	28	22	28	30	33	31
Claims on private sector	1,764	1,906	1,798	2,000	2,096	2,237	2,368	2,530
Total liabilities	2,662	2,719	2,840	3,142	3,387	3,596	3,837	4,140
General government deposits	193	133	84	70	63	98	112	215
Other demand deposits in domestic currency	125	147	482	598	624	706	801	813
Other demand deposits in foreign currency	478	562	427	489	504	497	508	568
Time and savings deposits in domestic currency	10	8	20	67	74	79	88	102
Time and savings deposits in foreign currency	323	348	434	412	441	468	531	617
Foreign liabilities	1,042	1,023	917	999	1,077	1,096	1,139	1,190
Government lending funds	0	0	0	7	7	6	5	5
Capital accounts	716	920	842	763	887	916	938	853
Other items (net)	-236	-425	-366	-263	-290	-271	-283	-224

Source: Central Bank of Bosnia and Herzegovina.

Table 17. Bosnia and Herzegovina: Croat Majority Cantons Deposit Money Banks, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001			
	Dec.	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
<b>Total assets</b>	647	550	600	652	661	785	898	969
Reserves	18	24	82	84	86	97	106	174
Foreign assets	311	165	169	196	176	238	274	233
Claims on the general government	10	8	2	5	11	14	17	16
Claims on the private sector	309	354	347	369	387	436	501	546
<b>Total liabilities</b>	647	550	600	652	661	785	898	969
General government deposits	34	20	21	3	3	3	1	1
Other demand deposits in domestic currency	0	11	105	156	162	211	240	252
Other demand deposits in foreign currency	242	205	172	143	127	147	161	189
Time and savings deposits in domestic currency	0	0	3	20	22	30	34	39
Time and savings deposits in foreign currency	188	171	173	189	197	207	217	233
Foreign liabilities	83	58	44	56	59	59	106	117
Government lending funds	0	0	0	7	7	6	5	5
Capital accounts	133	154	143	134	140	169	185	188
Other items (net)	-43	-72	-60	-56	-56	-47	-51	-55

Source: Central Bank of Bosnia and Herzegovina.

Table 18. Bosnia and Herzegovina: Bosniac Majority Cantons Deposit Money Banks, 1997-2001  
(In millions of KM)

	1997	1998	2000	2001			
	Dec.	Dec.	Dec.	Mar.	Jun.	Sep.	Nov.
<b>Total assets</b>	2,015	2,169	2,490	2,726	2,812	2,939	3,171
Reserves	54	61	182	182	181	174	184
Foreign assets	492	534	658	817	814	882	987
Claims on the general government	14	21	17	17	15	16	15
Claims on the private sector	1,455	1,552	1,632	1,709	1,802	1,867	1,984
<b>Total liabilities</b>	2,015	2,169	2,490	2,726	2,812	2,939	3,171
General government deposits	159	112	67	60	96	111	214
Other demand deposits in domestic currency	125	136	442	462	496	561	561
Other demand deposits in foreign currency	235	357	346	377	350	347	379
Time and savings deposits in domestic currency	10	8	47	52	49	54	63
Time and savings deposits in foreign currency	135	177	223	244	261	313	385
Foreign liabilities	959	965	943	1,019	1,037	1,033	1,073
Capital accounts	584	766	629	746	747	752	665
Other items (net)	-193	-354	-206	-235	-225	-232	-169

Source: Central Bank of Bosnia and Herzegovina.

Table 19. Bosnia and Herzegovina: Brcko District Deposit Money Banks, 2001 1/  
(In millions of KM)

	2001				
	July	August	September	October	November
Total assets	22	22	22	22	22
Reserves	1	1	1	1	1
Foreign assets	1	0	1	0	0
Claims on general government	0	0	0	0	0
Claims on the private sector	20	20	20	20	20
Total liabilities	22	22	22	22	22
General government deposits	0	0	0	0	0
Other demand deposits in domestic currency	1	1	1	1	1
Other demand deposits in foreign currency	1	0	0	1	1
Time and savings deposits in domestic currency	0	0	0	0	0
Time and savings deposits in foreign currency	0	0	0	0	0
Credit from the Central Bank	0	0	0	0	0
Foreign liabilities	19	19	19	19	19
Capital accounts	2	2	2	2	2
Other items net	-2	-2	-2	-2	-2

Source: Central Bank of Bosnia and Herzegovina.

1/ In July 2001 data for the Brcko District was incorporated into the monetary survey.

Table 20. Bosnia and Herzegovina: Commercial Bank Assets, 1998-2001

	1998	1999	2000	2001				
	Dec.	Dec.	Dec.	March	June	July	Sep.	Nov.
(In millions of KM)								
Total assets	3,755	3,882	4,244	4,528	4,734	4,792	4,925	5,246
Republika Srpska	1,037	1,042	1,102	1,141	1,137	1,118	1,088	1,106
Federation	2,719	2,840	3,142	3,387	3,596	3,673	3,837	4,140
Bosniac banks 1/	2,169	2,240	2,490	2,726	2,812	2,847	2,939	3,171
Croat Banks 2/	550	600	652	661	785	826	898	969
(In percent of total assets)								
Total assets	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Republika Srpska	27.6	26.8	26.0	25.2	24.0	23.3	22.1	21.1
Federation	72.4	73.2	74.0	74.8	76.0	76.7	77.9	78.9
Bosniac banks 1/	57.7	57.7	58.7	60.2	59.4	59.4	59.7	60.4
Croat Banks 2/	14.7	15.5	15.4	14.6	16.6	17.2	18.2	18.5
(In percent of total assets)								
Total assets	10.1	3.4	9.3	15.5	14.7	15.2	15.9	20.4
Republika Srpska	38.7	0.5	5.7	10.6	4.1	3.2	-2.3	0.0
Federation	2.1	4.5	10.6	17.3	18.5	19.5	22.4	27.4
Bosniac banks 1/	7.6	3.3	11.2	18.7	16.3	17.1	18.0	22.1
Croat Banks 2/	-15.0	9.1	8.7	11.9	26.9	28.2	39.1	48.4

Source: Central Bank of Bosnia and Herzegovina.

1/ Commercial banks registered in majority Bosniac cantons.

2/ Commercial banks registered in majority Croat cantons.

Table 21. Bosnia and Herzegovina: Selected Interest Rates of Commercial Banks in Republika Srpska, 2000-2001

	2000								2001					
	March		June		September		December		March		June		September	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
<u>Loan interest rates for private enterprises and cooperatives</u>														
Short-term loans	60.0	10.0	60.0	10.0	60.0	9.6	60.0	9.6	60.0	9.6	60.0	12.0	60.0	12.0
Long term loans	26.3	6.0	27.2	6.0	26.3	8.0	26.3	8.0	26.3	8.0	27.2	8.0	27.2	8.0
<u>Demand deposit interest rates</u>														
Deposit money banks	7.0	0.1	7.0	1.0	7.0	1.0	7.0	1.0	26.3	1.0	26.3	1.0	7.0	1.0
Private enterprises and cooperatives	7.0	1.5	7.0	1.0	7.0	1.0	7.0	1.0	26.3	1.0	26.3	1.0	7.0	1.0
<u>Time and savings deposits</u>														
Private enterprises and cooperatives	33.9	2.5	35.0	2.0	33.9	2.5	33.9	2.5	33.7	2.0	35.0	2.0	35.0	2.0

Sources: Central Bank of Bosnia and Herzegovina; and IMF staff estimates.



Table 22. Bosnia and Herzegovina: Selected Interest Rates of Commercial Banks in Majority Croat Cantons, 2000-2001

	2000								2001					
	March		June		September		December		March		June		September	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
<u>Loan interest rates for private enterprises and cooperatives</u>														
Short-term loans	30.0	10.0	30.0	2.0	30.0	2.0	30.0	10.0	30.0	12.0	30.0	12.5	30.0	12.0
Long-term loans	20.0	7.0	20.0	7.0	15.0	7.0	18.0	7.0	13.0	6.0	24.0	1.0	24.0	1.0
<u>Demand deposit interest rates</u>														
Deposit money banks	4.0	1.0	4.0	0.5	2.5	0.5	2.5	0.5	2.5	1.0	2.5	1.0	2.5	1.0
Private enterprises and cooperatives	4.0	1.0	20.0	0.5	20.0	0.5	20.0	0.5	20.0	1.0	2.5	0.0	2.5	0.0
<u>Time and savings deposits</u>														
Private enterprises and cooperatives	12.0	2.0	12.0	3.5	12.0	3.5	12.0	3.5	12.0	1.6	12.0	2.0	7.5	2.0

Sources: Central Bank of Bosnia and Herzegovina; and IMF staff estimates.

Table 23. Bosnia and Herzegovina: Selected Interest Rates of Commercial Banks in Majority Bosniac Cantons, 2000-2001

	2000								2001					
	March		June		September		December		March		June		September	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
<u>Loan interest rates for private enterprises and cooperatives</u>														
Short-term loans	40.3	6.0	40.3	6.0	40.3	6.0	40.3	6.0	26.8	7.0	26.8	7.4	26.8	7.7
Long-term loans	26.0	3.7	24.0	4.1	24.0	6.1	24.0	7.1	25.0	6.0	25.0	6.0	25.0	7.7
<u>Demand deposit interest rates</u>														
Deposit money banks	6.0	0.5	3.0	0.5	3.0	0.5	12.0	0.5	3.0	1.0	2.0	1.0	2.0	1.5
Private enterprises and cooperatives	6.0	0.5	6.0	0.5	4.5	0.5	4.5	0.5	3.0	0.3	18.0	0.3	9.0	0.5
<u>Time and savings deposits</u>														
Private enterprises and cooperatives	14.9	3.0	14.3	1.0	12.1	3.0	12.0	3.0	12.2	3.0	12.0	3.0	12.0	2.0

Sources: Central Bank of Bosnia and Herzegovina; and IMF staff estimates.

Table 24. Bosnia and Herzegovina: Consolidated General Government, 1998-2001

	1998	1999	2000	2001 1/
	(In millions of KM)			
General government revenue	3,180	3,923	4,213	4,364
Federation	2,478	2,788	2,927	2,965
Federation budget	682	724	828	1,009
Cantons and municipalities 1/	1,106	1,289	1,253	1,023
Extrabudgetary funds 1/ 2/	879	984	1,118	1,220
Republika Srpska	598	962	1,038	1,061
Republic budget	357	654	717	704
Municipalities 3/	42	63	69	69
Extrabudgetary funds 1/ 2/	261	359	393	433
State	138	218	275	320
Brcko District 4/	0	0	24	98
Consolidated expenditures on a commitment basis	4,598	5,755	6,099	5,649
Consolidated expenditures on a cash basis				
Balance on a commitment basis	-1,418	-1,833	-1,902	-1,297
Domestic financing	0	63	126	156
Privatization proceeds	0	63	126	100
Succession monies	0	0	0	56
Foreign financing	1,270	1,529	1,398	1,298
Budgetary loans and grants	189	139	177	164
Foreign financed investment projects	1,082	1,390	1,221	1,135
Accumulation of arrears	148	241	378	-157
	(In percent of GDP)			
General government revenues	43.3	47.1	45.5	43.3
Consolidated expenditures on a commitment basis	62.7	69.1	65.9	56.1
Balance on a commitment basis	-19.3	-22.0	-20.5	-12.9
Domestic financing	0.0	0.8	1.4	1.5
Foreign financing		18.4	15.1	12.9
Budgetary loans	2.6	1.7	1.9	1.6
Foreign financed investment projects	14.7	16.7	13.2	11.3
Accumulation of arrears	2.0	2.9	4.1	-1.6
Memorandum item:				
Debt stock (in percent of GDP) 5/	...	...	75.3	62.3

Sources: Ministries of Finance; and IMF staff estimates.

1/ For 2001, IMF staff estimate and revised plans for central governments budgets.

2/ Pension Fund, Health Fund, and Employment Fund.

3/ IMF staff estimates.

4/ Data for 2000 are incomplete. The Brcko District started collecting revenue in March 2000.

5/ External debt and stock of arrears. The decrease in 2001 is related to a large debt-relief operation.

Table 25. Bosnia and Herzegovina: State Fiscal Operations, 1997-2001

	1997	1998	1999	2000	2001 (Jan.-Sep.) 1/
	(In millions of KM)				
Revenues	50.0	138.0	218.3	274.8	171.8
Own revenues 2/	20.0	20.0	31.4	32.4	12.7
Transfers from entities	30.0	118.0	186.9	242.4	157.7
Administrative budget	15.0	30.0	28.2	44.6	38.6
Federation	15.0	21.0	18.3	29.7	27.5
Republika Srpska	0.0	10.0	9.9	14.9	11.1
Debt service	15.0	89.0	158.7	197.8	119.1
Federation	15.0	44.0	70.7	123.8	71.3
Republika Srpska	0.0	45.0	53.5	74.0	47.8
Direct repayments	0.0	0.0	34.5	0.0	0.0
Extraordinary revenues 3/	0.0	0.0	0.0	0.0	1.4
Expenditures	110.0	138.0	216.5	273.9	187.9
BiH ministries and institutions	35.0	51.0	57.8	70.1	50.7
State Border Service	0.0	0.0	0.0	6.0	16.9
New BiH institutions	0.0	0.0	0.0	0.0	1.2
Debt service	75.0	87.0	158.7	197.8	119.1
Foreign grants	60.0	0.0	0.0	5.3	9.0
Balance	0.0	0.0	1.9	6.2	-7.1

Sources: State Ministry of Treasury; and IMF staff estimates.

1/ Does not include non-cash grants.

2/ Includes new sources of revenues from the institute for standards, institute for accreditation, regulatory agency and department of civil aviation.

3/ Compensation for war damage.

Table 26. Bosnia and Herzegovina: Federation Fiscal Operations, 1997-2001

	1997	1998	1999	2000	2001 (Jan.-Nov.)
	(In millions of KM)				
Total revenue	610	682	724	828	935
Tax revenue	565	645	677	768	844
Indirect taxes	565	635	659	745	800
Profit tax	0	10	18	23	44
Nontax revenue	45	37	47	60	91
<i>Of which:</i> Dividends of public enterprises	0	0	0	0	28
Total expenditure	657	804	800	976	978
Wages and contributions	70	77	92	103	99
Goods and services 1/	21	37	32	30	28
Military 2/	254	276	291	310	275
Reconstruction and capital expenditure 3/	17	43	26	47	51
Subsidies	3	20	14	14	10
Other transfers to households	227	258	216	255	315
Transfers to pension funds	16	22	7	9	60
<i>Of which:</i> Extraordinary transfers 4/	0	0	0	0	42
Transfers for health	1	1	0	1	1
Transfers for education	10	3	1	5	5
Transfers to war invalids	175	209	208	241	249
Transfers to the state government	30	65	84	153	99
Administration	15	21	18	30	31
Debt service	15	44	66	123	68
Transfers to cantons and municipalities	4	7	16	25	14
Net lending	0	0	0	-7	4
Clearance of Federation budgetary arrears	0	0	0	0	34
Other expenditure and unallocated	32	21	28	46	50
Refugees	3	6	4	23	18
Intelligence Service	0	0	0	14	8
Other	29	14	25	9	24
Overall balance (cash basis, before grants)	-47	-122	-77	-148	-43
Foreign grants for budget support	2	35	15	61	0
Overall balance (cash basis, after grants)	-45	-87	-62	-87	-43
Financing	45	87	62	87	43
Domestic financing 5/	0	0	0	-16	-13
Foreign loans for budget support	45	87	62	103	57
Privatization	0	0	0	0	0

Sources: Data provided by the authorities; and IMF staff estimates.

1/ Includes goods reserve.

2/ Does not include off-budget assistance from other countries.

3/ Includes allocation for railroads and other capital expenditures.

4/ Transfers from the Federation budget to clear pension arrears of previous years

5/ In 2001, includes KM 17.7 million of revenues frozen in the Hercegovacka Bank.

Table 27. Bosnia and Herzegovina: Republika Srpska Fiscal Operations, 1997-2001  
(In millions of KM)

	1997	1998	1999	2000	2001 (Jan.-Nov.)
Total revenue	209	357	654	717	638
Tax revenue	197	295	561	613	554
Taxes on goods and services	100	149	252	317	291
Sales tax 1/	90	98	147	170	180
Excises	10	51	105	147	111
Trade taxes	63	95	145	167	138
Taxes on income	28	38	63	71	74
Personal income tax	5	6	11	8	10
Wage withholding	22	30	42	47	49
Corporate income tax	1	1	10	16	15
Other taxes and revenues	6	13	102	58	51
Nontax revenue 2/	12	62	93	104	84
Total expenditure	209	446	766	793	661
Wages and contributions	25	155	209	206	220
Goods and services	31	50	162	153	80
Goods reserve	7	9	58	34	0
Other 3/	24	40	104	119	80
Military	73	70	89	70	51
Banking fees	0	1	2	1	0
Transfers to social funds	6	0	28	37	13
Capital and reconstruction expenditure	9	12	42	73	62
Of which: Railways	9	12	20	29	24
Subsidies	0	0	12	37	18
Other transfers to households	15	79	94	94	111
War invalids	15	40	73	80	93
Refugees	-	-	18	9	13
Other 4/	0	39	4	5	6
Transfers to other levels of government	1	56	94	92	65
Transfers to the State	0	55	92	89	62
Administration	0	10	10	15	15
Debt service	0	45	82	74	47
Transfers to municipalities	1	1	2	3	3
Net lending	0	0	0	7	0
Clearance of expenditure arrears (net)	0	0	0	0	11
Other expenditures and unallocated	49	25	32	30	30
Budgetary reserve	22	12	14	12	8
Other	27	13	18	18	21
Overall balance (cash basis, before grants)	0	-89	-112	-76	-23
Foreign grants for budget support	0	31	28	48	1
Overall balance (cash basis, after grants)	0	-58	-84	-27	-22
Change in expenditure arrears (increase +)	0	0	0	115	-11
Overall balance (commitment basis, after grants)	0	-58	-84	-142	-11
Financing	0	58	84	27	22
Domestic	0	0	0	2	-46
External loans for budget support	0	58	84	26	59
Privatization revenues	0	0	0	0	9

Sources: Data provided by authorities; and IMF staff estimates.

1/ Including railway surcharges.

2/ Including fees, fines, and other special revenues (excluding railways).

3/ Including materials costs and investment maintenance.

4/ Including transfers to health insurance funds, refugees and displaced persons, students, and social institutions.

Table 28. Bosnia and Herzegovina: State Fiscal Operations, 1997-2001

	1997	1998	1999	2000	2001 (Jan.-Sep.) 1/
	(In percent of BiH GDP)				
Revenues	0.8	1.9	2.6	3.0	1.7
Own revenues 2/	0.3	0.3	0.4	0.3	0.1
Transfers from entities	0.5	1.6	2.2	2.6	1.6
Administrative budget	0.2	0.4	0.3	0.5	0.4
Debt service	0.2	1.2	1.9	2.1	1.2
Extraordinary revenues	0.0	0.0	0.0	0.0	0.0
Expenditures	1.8	1.9	2.6	3.0	1.9
BiH ministries and institutions	0.6	0.7	0.7	0.8	0.5
State Border Service	-	-	-	-	-
New BiH institutions	-	-	-	-	-
Debt service	1.2	1.2	1.9	2.1	1.2
Foreign grants	1.0	0.0	0.0	0.1	0.1
Balance	0.0	0.0	0.0	0.1	-0.1
	(In share of total revenues)				
Revenues	100.0	100.0	100.0	100.0	100.0
Own revenues 2/	40.0	14.5	14.4	11.8	7.4
Transfers from entities	60.0	85.5	85.6	88.2	91.8
Administrative budget	30.0	21.7	12.9	16.2	22.5
Federation	30.0	15.2	8.4	10.8	16.0
Republika Srpska	0.0	7.2	4.5	5.4	6.5
Debt service	30.0	64.5	72.7	72.0	69.3
Federation	30.0	31.9	32.4	45.0	41.5
Republika Srpska	0.0	32.6	24.5	26.9	27.8
Direct repayments	0.0	0.0	15.8	0.0	0.0
Extraordinary revenues 3/	0.0	0.0	0.0	0.0	0.8
	(In share of total expenditures)				
Expenditures	100.0	100.0	100.0	100.0	100.0
BiH ministries and institutions	31.8	37.0	26.7	25.6	27.0
State Border Service	0.0	0.0	0.0	2.2	9.0
New BiH institutions	0.0	0.0	0.0	0.0	0.6
Debt service	68.2	63.0	73.3	72.2	63.4
Memorandum item:	(In millions of KM)				
Nominal BiH GDP 4/	6,116	7,336	8,323	9,260	10,077

Sources: State Ministry of Treasury; and IMF staff estimates.

1/ Does not include non-cash grants, expressed in terms of annual BiH GDP.

2/ Includes new sources of revenues from the institute for standards, institute for accreditation, regulatory agency and department of civil aviation.

3/ Compensation for war damage.

4/ Projection for 2001.

Table 29. Bosnia and Herzegovina: Republika Srpska Fiscal Operations, 1997-2001

	1997	1998	1999	2000	2001 (Jan-Nov) 1/
	(In percent of RS GDP)				
Total revenue	15.3	20.6	30.0	28.5	23.1
Tax revenue	14.4	17.0	25.7	24.3	20.0
Taxes on goods and services	7.3	8.6	11.5	12.6	10.5
Trade taxes	4.6	5.5	6.6	6.6	5.0
Taxes on income	2.1	2.2	2.9	2.8	2.7
Other taxes and revenues	0.4	0.7	4.7	2.3	1.9
Nontax revenue 2/	0.9	3.6	4.3	4.2	3.0
Total expenditure	15.3	25.7	35.1	31.5	23.9
Wages and contributions	1.8	8.9	9.6	8.2	7.9
Goods and services	2.2	2.9	7.4	6.1	2.9
Military	5.4	4.0	4.1	2.8	1.8
Banking fees	0.0	0.0	0.1	0.0	0.0
Transfers to social funds	0.4	0.0	1.3	1.5	0.5
Capital and reconstruction expenditure	0.7	0.7	1.9	2.9	2.2
Subsidies	0.0	0.0	0.6	1.5	0.7
Other transfers to households	1.1	4.6	4.3	3.7	4.0
Transfers to other levels of government	0.1	3.2	4.3	3.6	2.3
Transfers to the State	0.0	3.2	4.2	3.5	2.3
Administration	0.0	0.6	0.5	0.6	0.6
Debt service	0.0	2.6	3.8	2.9	1.7
Transfers to municipalities	0.1	0.0	0.1	0.1	0.1
Net lending	0.0	0.0	0.0	0.3	0.0
Clearance of expenditure arrears (net)	0.0	0.0	0.0	0.0	0.4
Other expenditures and unallocated	3.6	1.4	1.5	1.2	1.1
Foreign grants for budget support	0.0	1.8	1.3	1.9	0.0
Overall balance (cash basis, after grants)	0.0	-3.3	-3.9	-1.1	0.0
	(In share of total revenues)				
Total revenue	100.0	100.0	100.0	100.0	100.0
Tax revenue	94.1	82.6	85.8	85.4	86.9
Taxes on goods and services	47.8	41.6	38.5	44.2	45.6
Trade taxes	30.1	26.6	22.2	23.3	21.7
Taxes on income	13.5	10.8	9.6	9.9	11.5
Other taxes and revenues	2.7	3.6	15.5	8.1	8.1
Nontax revenue 2/	5.9	17.4	14.2	14.6	13.1
	(In share of total expenditures)				
Total expenditure	100.0	100.0	100.0	100.0	100.0
Wages and contributions	11.9	34.7	27.3	26.0	33.2
Goods and services	14.6	11.1	21.1	19.3	12.1
Military	35.1	15.7	11.6	8.9	7.7
Banking fees	0.2	0.1	0.2	0.1	0.1
Transfers to social funds	2.9	0.0	3.7	4.6	1.9
Capital and reconstruction expenditure	4.4	2.7	5.5	9.2	9.4
Subsidies	0.0	0.0	1.6	4.6	2.7
Other transfers to households	7.2	17.7	12.3	11.9	16.8
Transfers to other levels of government	0.6	12.5	12.3	11.5	9.8
Transfers to the State	0.0	12.3	12.1	11.2	9.4
Administration	0.0	2.2	1.3	1.9	2.3
Debt service	0.0	10.1	10.8	9.4	7.1
Transfers to municipalities	0.6	0.1	0.3	0.3	0.4
Net lending	0.0	0.0	0.0	0.9	0.0
Clearance of expenditure arrears (net)	0.0	0.0	0.0	0.0	1.7
Other expenditures and unallocated	23.2	5.5	4.2	3.7	4.5
Memorandum item:	(in millions of KM)				
Nominal RS GDP 3/	1,368	1,734	2,181	2,517	2,768

Sources: Data provided by authorities; and IMF staff estimates.

1/ Expressed in terms of projected annual RS GDP.

2/ Including fees, fines, and other special revenues (excluding railways).

3/ Projection for 2001.



Table 30. Bosnia and Herzegovina: Federation Fiscal Operations, 1997-2001

	1997	1998	1999	2000	2001 (Jan.-Nov.) 1/
	(In percent of Federation GDP)				
Total revenue	12.9	12.2	11.8	12.4	12.8
Tax revenue	11.9	11.5	11.0	11.5	11.5
Indirect taxes	11.9	11.3	10.7	11.1	10.9
Profit tax	0.0	0.2	0.3	0.3	0.6
Nontax revenue	1.0	0.7	0.8	0.9	1.2
<i>Of which:</i> Dividends of public enterprises	0.0	0.0	0.0	0.0	0.4
Total expenditure	13.8	14.3	13.0	14.6	13.4
Wages and contributions	1.5	1.4	1.5	1.5	1.4
Goods and services 2/	0.5	0.7	0.5	0.4	0.4
Military 3/	5.3	4.9	4.7	4.6	3.8
Reconstruction and capital expenditure 4/	0.4	0.8	0.4	0.7	0.7
Subsidies	0.1	0.4	0.2	0.2	0.1
Other transfers to households	4.8	4.6	3.5	3.8	4.3
Transfers to the state government	0.6	1.2	1.4	2.3	3.4
Transfers to cantons and municipalities	0.1	0.1	0.3	0.4	0.9
Net lending	-	-	-	-0.1	0.2
Clearance of Federation budgetary arrears	-	-	-	-	0.1
Other expenditure and unallocated	0.7	0.4	0.5	0.7	0.5
Foreign grants for budget support	0.0	0.6	0.2	0.9	0.1
Overall balance (cash basis, after grants)	-0.9	-1.6	-1.0	-1.3	-0.6
	(In share of total revenues)				
Total revenue	100.0	100.0	100.0	100.0	100.0
Tax revenue	92.6	94.6	93.5	92.7	90.3
Indirect taxes	92.6	93.1	91.0	90.0	85.6
Profit tax	0.0	1.5	2.5	2.7	4.7
Nontax revenue	7.4	5.4	6.5	7.3	9.7
<i>Of which:</i> Dividends of public enterprises	0.0	0.0	0.0	0.0	3.0
	(In share of total expenditures)				
Total expenditure	100.0	100.0	100.0	100.0	100.0
Wages and contributions	10.6	9.6	11.6	10.6	10.1
Goods and services 2/	3.3	4.6	4.0	3.1	2.8
Military 3/	38.6	34.3	36.4	31.7	28.1
Reconstruction and capital expenditure 4/	2.7	5.3	3.3	4.8	5.3
Subsidies	0.5	2.5	1.8	1.4	1.0
Other transfers to households	34.5	32.1	27.0	26.1	32.2
Transfers to the state government	4.5	8.1	10.5	15.7	25.5
Transfers to cantons and municipalities	0.6	0.9	2.0	2.6	7.0
Net lending	-	-	-	-0.7	1.4
Clearance of Federation budgetary arrears	-	-	-	-	0.4
Other expenditure and unallocated	4.8	2.6	3.5	4.7	3.5
Memorandum item:	(In millions of KM)				
Nominal Federation GDP 5/	4,748	5,602	6,142	6,699	7,309

Sources: Data provided by the authorities; and IMF staff estimates.

1/ Projection for 2001.

2/ Includes goods reserve.

3/ Does not include off-budget assistance from other countries.

4/ Includes allocation for railroads and other capital expenditures.

5/ Projection for 2001.

Table 31. Bosnia and Herzegovina: Balance of Payments, 1998-2001  
(in millions of U.S. dollars; unless otherwise indicated)

	1998	1999	2000 Est.	2001 Est.
Trade balance	-1,959	-1,852	-1,616	-1,442
Exports, f.o.b.	697	649	732	857
Imports, f.o.b.	-2,656	-2,502	-2,348	-2,299
Reconstruction	-479	-516	-437	-400
Humanitarian (in-kind)	-26	0	0	0
Other	-2,151	-1,986	-1,911	-1,899
Services, net	378	324	264	226
Receipts	563	552	460	424
Expenditure	-185	-228	-196	-198
Net factor income	330	273	225	234
Earnings	409	353	318	302
Interest payments	-79	-81	-63	-68
Unrequited transfers, net	461	284	218	192
Receipts	468	292	225	199
Official grants	197	86	53	38
Budget support	38	25	53	38
Private	271	206	172	161
Outflows	-7	-8	-8	-7
Excluding official transfers	-986	-1,058	-962	-827
Foreign investment (net)	100	90	150	130
Capital transfers for reconstruction	492	548	396	346
Foreign loans (net)	122	147	237	195
Disbursements	194	205	248	212
Reconstruction	147	140	186	171
Other 1/	47	65	62	42
Amortization	-73	-58	-12	-17
Multilateral and Paris Club creditors	-30	-15	-10	-17
Others 2/	-42	-42	-2	0
Commercial banks	129	-203	-146	-92
Other capital 3/	0	400	266	895
Capital account balance	843	983	902	1,474
Errors and omissions	-101	239	24	8
<i>Of which</i> : Valuation adjustment	-82	165	73	0
Overall balance	-47	251	-6	685
Financing	47	-251	-18	-693
Change foreign assets (increase, -)	-61	-262	-26	-695
<i>Of which</i> : Gross foreign assets of the central bank	-94	-281	-43	-706
Net use of Fund resources	33	18	17	10
Purchases/loans	33	39	37	18
Repurchases/repayments	0	-21	-20	-8
Short-term liabilities (reduction, -)	0	0	0	0
Arrears (reduction, -)	-815	-20	-342	-604
Multilateral creditors	0	-20	0	0
Paris Club creditors	-815	0	0	0
London Club	0	0	0	0
Other creditors	0	0	-342	-604
Debt rescheduling or cancelation (of arrears)	815	20	342	604
Multilateral creditors (rescheduling)	0	20	0	0
Paris Club creditors (rescheduling) 4/	815	0	0	0
London Club (rescheduling) 5/	0	0	0	0
Other creditors (cancelation) 2/	0	0	342	604
Debt relief, current maturities (cashflow)	108	12	8	2
Multilateral creditors	0	0	0	0
Paris Club creditors 4/	36	8	0	0
London Club 6/	73	4	8	2
Total financing gap	0	0	0	0
Memorandum items:				
Primary current account balance (in percent of GDP) 7/	-17.0	-19.6	-19.2	-15.7
Current account balance (in percent of GDP)	-18.9	-21.4	-20.6	-17.2
Excluding official transfers	-22.5	-24.6	-21.8	-18.0
External Public debt/GDP (in percent)	68.1	71.9	68.7	55.7
External debt service/GNFS	12.0	11.5	6.2	6.6
Gross official reserves (in months of imports)	0.7	2.0	2.3	5.7

Sources: Data provided by Bosnian authorities; and IMF staff estimates.

1/ Disbursement for budget finance and includes the World Bank and EU loans. The level of EU loans in 2002 is provisional.

2/ Other debt refers to non-convertible currency debt, unallocated debt from Yugoslavia, and other commercial (mainly trade credit non-Paris Club and non-London Club debt. Part of this was rescheduled in 2000; the remainder is expected to be rescheduled by end-

3/ Figures for 2001 reflects the effects of the conversion of the peg from the DM to the euro.

4/ Reflects Paris Club debt consolidation and rescheduling on Naples Terms agreed in October 1998.

5/ Reflects London Club debt consolidation agreed in December 1997.

6/ Principal and interest payments due on original maturities, less payments due on rescheduled debt.

7/ Primary current account is current account minus interest payments on foreign debt.

Table 32. Bosnia and Herzegovina: External Debt at end-2000  
and Debt Service in 2001 1/ 2/  
(In millions of US dollars)

	Stock of Debt			Projected Debt Service Payments 2001
	1998	1999	2000	
Stock of debt	2,985.0	3,094.5	2,969.4	
Paris Club	568.1	491.4	521.9	
London Club	428.9	370.9	124.3	
Other	907.5	997.1	802.3	
Multilaterals	1,080.5	1,235.2	1,520.8	
IMF	76.8	93.9	105.6	
World Bank	976.2	1,067.6	1,256.4	
Other	27.5	73.7	158.9	
Total debt service payments				93.1
Amortization				25.5
<i>Of which:</i>				
Multilateral				17.3
IMF				8.0
World Bank 3/				5.5
Other				3.7
Paris Club 4/				4.8
London Club 4/				0.0
Other creditors 5/				3.4
Interest				67.6
Multilateral				40.1
IMF				8.0
World Bank 3/				26.1
Other				6.0
Paris Club 4/				14.9
London Club 4/				2.3
Other creditors 4/ 5/				10.3

Sources: Data provided by Bosnian authorities; and IMF staff estimates.

1/ Debt service to London Club and Paris Club after rescheduling.

2/ Excludes an estimated US\$54 million of payments arrears at end-1997 for gas supplied from the Russian Federation, which is in dispute. Includes non-allocated debt of the former SFRY allocated on the basis of the Fund key of 13.2 percent of the non-allocated debt of the former SFRY. Includes debt for which status of public liability has not been verified or finalized.

3/ Figures reflect clearance of IBRD arrears on June 14, 1996, and the prepayment of unmatured loans as part of the debt consolidation.

4/ A restructuring agreement with London Club creditors became effective as of January 1, 1998. An agreement on Naples terms was reached with the Paris Club in October, 1998. Bilateral agreements with all countries but Japan have been completed.

5/ Mainly commercial creditors (i.e., supplier and trade creditors); before 2000 this included non-convertible currency debt.

Table 33. Bosnia and Herzegovina: Export Shares by  
Destination, 1998-1999 1/  
(In percent)

	1998	1999
Industrial countries	38.4	48.9
<i>Of which:</i>		
Austria	3.2	3.9
France	0.2	3.5
Germany	1.2	2.0
Italy	13.4	14.8
Netherlands	15.9	16.7
United States	1.0	2.2
Other	3.5	5.8
Other countries	61.6	51.1
<i>Of which:</i>		
Croatia	20.3	16.2
Czech Republic	1.4	1.2
Hungary	0.1	0.7
Slovenia	6.0	7.4
Turkey	4.8	5.1
Yugoslavia	28.8	20.5
Other	0.0	0.0
Total	100.0	100.0

Source: Central Bank of Bosnia and Herzegovina.

1/ F.O.B. basis.

Table 34. Bosnia and Herzegovina: Import Shares by Country of Origin, 1998-1999 1/  
(In percent)

	1998	1999
Industrial countries	38.8	42.4
<i>Of which:</i>		
Austria	4.2	4.7
France	1.2	1.7
Germany	12.7	13.9
Italy	10.2	11.0
Netherlands	2.4	2.0
United States	1.5	1.8
Other	6.5	7.3
Developing countries	61.2	57.6
<i>Of which:</i>	0.0	0.0
Croatia	24.6	21.6
Czech Republic	1.6	1.8
Hungary	4.9	6.4
Slovenia	12.0	14.6
Turkey	1.4	1.5
FR Macedonia	0.0	0.0
Yugoslavia	13.5	8.4
Other	3.1	3.2
Total	100.0	100.0

Source: Central Bank of Bosnia and Herzegovina.

1/ F.O.B. basis.