

---

## *STATISTICAL APPENDIX*

---

For the user's convenience, as well as to lighten the text, the *Economic Survey of Europe* includes a set of appendix tables showing time series for main economic indicators over a longer period. The data are presented in two sections: *Appendix A* provides macroeconomic indicators for the market economies in western Europe and the 10 new EU member states, which joined the European Union at the beginning of May 2004, as well as North America and Japan. *Appendix B* provides comparative macroeconomic indicators for the south-east European countries and the Commonwealth of Independent States. For all countries, national accounts data for more recent years may be subject to revision as more comprehensive benchmark figures become available.

Data were compiled from international and national statistical sources. Regional aggregates are UNECE secretariat calculations using PPPs. Greece, which became a member of the euro area at the beginning of 2001, has been included in the euro area aggregates for all years shown in the appendix tables in order to ensure continuity of time series.

The figures for 2004 are based on data available in mid-December 2004.



APPENDIX TABLE A.1

**Real GDP in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	4.2	2.6	1.0	1.5	-0.9	2.1	1.7	1.1	1.9	3.4	3.2	3.8	2.1	1.2	0.5
Germany <sup>a</sup> .....	3.9	5.7	5.1	2.2	-1.1	2.3	1.7	0.8	1.4	2.0	2.0	2.9	0.8	0.1	-0.1
Italy .....	2.9	2.0	1.4	0.8	-0.9	2.2	2.9	1.1	2.0	1.8	1.7	3.0	1.8	0.4	0.3
Austria .....	3.5	4.6	3.6	2.4	0.3	2.7	1.9	2.6	1.8	3.6	3.3	3.4	0.7	1.2	0.8
Belgium .....	3.5	3.1	1.8	1.5	-1.0	3.2	2.4	1.2	3.5	2.0	3.2	3.9	0.7	0.9	1.3
Finland .....	4.8	-0.3	-6.4	-3.8	-1.2	3.9	3.4	3.9	6.3	5.0	3.4	5.1	1.1	2.3	1.9
Greece .....	3.8	-	3.1	0.7	-1.6	2.0	2.1	2.4	3.6	3.4	3.4	4.5	4.3	3.6	4.5
Ireland .....	5.8	8.5	1.9	3.3	2.7	5.8	9.8	8.1	10.8	8.9	11.1	9.9	6.0	6.1	3.7
Luxembourg .....	9.8	5.3	8.6	1.8	4.2	3.8	1.4	3.3	8.3	6.9	7.8	9.0	1.5	2.5	2.9
Netherlands .....	4.8	4.1	2.4	1.5	0.7	2.9	3.0	3.0	3.8	4.3	4.0	3.5	1.4	0.6	-0.9
Portugal .....	6.4	4.0	4.4	1.1	-2.0	1.0	4.3	3.5	4.0	4.6	3.8	3.4	1.7	0.4	-1.2
Spain .....	4.8	3.8	2.5	0.9	-1.0	2.4	2.8	2.4	4.0	4.3	4.2	4.4	2.8	2.2	2.5
<b>Euro area</b> .....	4.0	3.6	2.6	1.4	-0.8	2.4	2.3	1.5	2.4	2.9	2.9	3.5	1.7	0.9	0.6
United Kingdom .....	2.2	0.8	-1.4	0.2	2.3	4.4	2.9	2.8	3.3	3.1	2.9	3.9	2.3	1.8	2.2
Denmark .....	0.2	1.0	1.1	0.6	-	5.5	2.8	2.5	3.0	2.5	2.6	2.8	1.6	1.0	0.5
Sweden .....	2.7	1.0	-1.1	-1.2	-2.0	4.2	4.1	1.3	2.4	3.6	4.6	4.3	1.0	2.0	1.5
<b>EU-15</b> .....	3.6	3.0	1.9	1.2	-0.4	2.8	2.5	1.7	2.6	2.9	2.9	3.6	1.8	1.1	0.9
Cyprus .....	7.9	7.4	0.6	9.8	0.7	5.9	6.1	1.8	2.3	5.0	4.8	5.0	4.1	2.1	1.9
Czech Republic .....	..	..	-11.6	-0.5	0.1	2.2	5.9	4.2	-0.7	-1.1	1.2	3.9	2.6	1.5	3.7
Estonia .....	..	..	-10.0	-14.1	-8.5	-1.6	4.5	4.5	10.5	5.2	-0.1	7.8	6.4	7.2	5.1
Hungary .....	..	..	-11.9	-3.1	-0.6	2.9	1.5	1.3	4.6	4.9	4.2	5.2	3.8	3.5	3.0
Latvia .....	..	..	-12.6	-32.1	-11.4	2.2	-0.9	3.8	8.3	4.7	3.3	6.9	8.0	6.4	7.5
Lithuania .....	..	..	-5.7	-21.3	-16.2	-9.8	5.2	4.7	7.0	7.3	-1.7	3.9	6.4	6.8	9.7
Malta .....	8.2	6.3	6.3	4.7	4.5	5.7	6.2	3.9	4.9	3.4	4.0	6.4	-2.4	2.6	-0.3
Poland .....	..	..	-7.0	2.6	3.8	5.2	7.0	6.0	6.8	4.8	4.1	4.0	1.0	1.4	3.8
Slovakia .....	..	..	-14.6	-6.4	-3.7	6.2	5.8	6.1	4.6	4.2	1.5	2.0	3.8	4.6	4.5
Slovenia .....	..	..	-8.9	-5.5	2.8	5.3	4.1	3.6	4.8	3.6	5.6	3.9	2.7	3.3	2.5
<b>New EU members-10</b> .....	..	..	-9.6	-2.8	0.2	3.6	5.5	4.7	4.7	3.6	3.1	4.1	2.4	2.4	4.0
<b>EU-25</b> .....	..	..	0.9	0.9	-0.3	2.8	2.7	2.0	2.8	3.0	2.9	3.6	1.8	1.2	1.2
Iceland .....	0.3	1.2	0.1	-3.3	0.8	4.0	0.1	5.2	4.7	5.6	4.2	5.6	2.7	-0.5	4.0
Israel .....	1.4	6.6	6.1	7.2	3.8	7.0	6.5	5.3	3.0	3.3	2.6	7.5	-0.3	-0.7	1.3
Norway .....	1.2	2.0	3.6	3.3	2.7	5.3	4.4	5.3	5.2	2.6	2.1	2.8	2.7	1.4	0.4
Switzerland .....	4.3	3.7	-0.8	-	-0.2	1.1	0.4	0.5	1.9	2.8	1.3	3.6	1.0	0.3	-0.4
<b>WECEE</b> .....	..	..	0.9	0.9	-0.3	2.8	2.7	2.0	2.8	3.0	2.9	3.6	1.8	1.2	1.1
Canada .....	2.6	0.2	-2.1	0.9	2.3	4.8	2.8	1.6	4.2	4.1	5.5	5.2	1.8	3.4	2.0
United States .....	3.5	1.8	-0.2	3.3	2.7	4.0	2.5	3.7	4.5	4.2	4.4	3.7	0.8	1.9	3.0
<b>North America</b> .....	3.4	1.6	-0.3	3.1	2.6	4.1	2.5	3.5	4.5	4.2	4.5	3.8	0.8	2.0	3.0
Japan .....	5.3	5.2	3.4	1.0	0.2	1.1	2.0	3.4	1.8	-1.0	-0.1	2.4	0.2	-0.3	1.3
<b>Europe, North America and Japan</b> .....	..	..	0.7	1.8	1.0	3.1	2.5	2.8	3.3	2.9	3.2	3.5	1.2	1.3	1.9
<i>Memorandum items:</i>															
<b>EU-8</b> <sup>b</sup> .....	..	..	-9.7	-2.9	0.2	3.5	5.5	4.7	4.7	3.6	3.1	4.1	2.4	2.4	4.0
<b>Western Europe</b> .....	3.6	3.0	1.8	1.2	-0.3	2.8	2.4	1.8	2.6	2.9	2.9	3.6	1.8	1.1	0.9
<b>Western Europe and North America</b> .....	3.5	2.3	0.7	2.1	1.2	3.4	2.5	2.7	3.6	3.6	3.7	3.7	1.3	1.6	2.0

**Source:** Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

**Note:** Excluding south-east Europe and the European CIS countries. The same proviso applies through appendix table A.11. Statistical data for south-east Europe and the CIS are provided in the second part of this appendix. All aggregates exclude Israel. Growth rates of regional aggregates have been calculated from national data at constant prices of 2000 converted into dollars using purchasing power parities.

<sup>a</sup> West Germany, 1989-1991.

<sup>b</sup> Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia and Slovenia.

APPENDIX TABLE A.2

**Real private consumption expenditure in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	2.8	2.5	0.7	0.9	-0.4	1.2	1.2	1.3	0.2	3.4	3.2	2.6	2.7	1.5	1.5
Germany <sup>a</sup> .....	3.2	4.1	4.6	2.7	0.1	1.1	2.1	1.0	0.6	1.8	3.7	2.0	1.7	-0.7	-
Italy .....	3.7	2.1	2.9	1.9	-3.7	1.5	1.7	1.2	3.2	3.2	2.6	2.7	0.8	0.5	1.3
Austria .....	3.9	4.6	3.6	3.6	-0.3	3.3	0.4	3.4	-	1.6	2.0	3.9	1.0	-0.1	0.6
Belgium .....	3.3	3.2	3.0	1.9	-0.4	2.4	1.6	1.1	2.0	3.1	2.3	3.5	0.6	0.3	2.2
Finland .....	5.3	-1.1	-3.8	-4.0	-3.8	2.5	4.1	3.7	3.4	4.3	3.5	3.1	1.8	1.5	4.3
Greece .....	6.3	2.6	2.9	2.3	-0.8	1.9	2.5	2.4	2.7	3.5	2.5	2.0	3.0	3.0	4.4
Ireland .....	6.5	1.4	1.8	2.9	2.9	4.4	3.4	6.4	7.2	7.2	8.8	9.0	5.2	2.6	2.6
Luxembourg .....	4.8	3.8	7.0	-2.3	2.1	4.0	1.9	4.3	3.9	6.6	2.6	4.6	5.1	3.2	1.6
Netherlands .....	3.0	3.8	2.7	0.5	0.3	1.4	2.9	4.0	3.0	4.8	4.7	3.5	1.4	0.8	-2.6
Portugal .....	2.9	6.4	4.2	4.7	1.1	1.0	0.6	3.0	3.3	5.0	5.1	2.9	1.2	1.1	-0.5
Spain .....	5.4	3.5	2.9	2.2	-1.9	1.1	1.7	2.2	3.2	4.4	4.7	4.1	2.8	2.9	2.9
<b>Euro area</b> .....	3.6	3.2	2.9	2.0	-1.1	1.4	1.8	1.6	1.7	3.1	3.5	2.8	1.9	0.7	1.1
United Kingdom .....	3.4	1.0	-1.5	0.5	3.0	3.1	1.7	3.6	3.6	3.9	4.4	4.6	2.9	3.3	2.3
Denmark .....	-0.1	0.1	1.6	1.9	0.5	6.5	1.2	2.5	2.9	2.3	0.7	-0.7	-0.2	0.6	0.8
Sweden .....	1.2	-0.4	1.1	-1.3	-3.5	1.9	1.0	1.6	2.7	3.0	3.8	5.0	0.4	1.4	1.5
<b>EU-15</b> .....	3.5	2.7	2.1	1.6	-0.4	1.8	1.7	2.0	2.1	3.2	3.6	3.1	2.0	1.2	1.3
Cyprus .....	6.9	9.0	9.9	3.2	-4.8	5.0	10.3	3.5	3.9	8.6	2.8	8.2	4.6	2.5	2.4
Czech Republic .....	..	..	-21.4	8.8	1.2	6.9	5.9	8.8	1.3	-1.5	2.1	2.9	2.6	2.8	4.9
Estonia .....	..	..	..	..	..	0.6	5.0	10.1	10.5	5.2	-2.5	8.6	6.2	10.3	5.7
Hungary .....	..	..	..	1.3	3.1	0.1	-6.9	-3.6	1.9	4.8	5.6	5.5	5.7	10.2	8.0
Latvia .....	..	..	-26.0	-43.4	-7.4	3.2	-1.7	10.6	5.0	0.7	4.3	6.3	7.3	7.4	8.6
Lithuania .....	..	..	..	..	..	..	..	6.5	5.3	4.8	4.1	6.1	3.6	6.1	11.0
Malta .....	9.2	3.8	3.8	4.3	0.8	2.3	10.5	7.1	1.6	2.5	6.1	7.4	-0.8	-0.4	1.6
Poland .....	..	..	6.6	2.5	5.4	3.9	3.2	8.5	6.9	4.8	5.2	2.8	2.0	3.4	3.0
Slovakia .....	..	..	..	..	1.3	1.0	5.4	7.9	5.5	6.5	3.2	-0.8	4.7	5.5	-0.6
Slovenia .....	..	..	-10.9	-3.6	13.8	4.0	9.2	2.6	2.5	3.0	5.9	0.4	2.3	0.4	2.9
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	6.5	4.9	3.7	4.4	3.1	3.1	4.5	4.2
<b>EU-25</b> .....	..	..	..	..	..	..	..	2.3	2.3	3.3	3.7	3.1	2.1	1.5	1.6
Iceland .....	-4.2	0.5	2.8	-3.1	-4.6	3.0	2.2	5.3	5.1	10.1	7.3	3.8	-3.0	-1.0	6.4
Israel .....	0.5	6.0	7.2	7.6	7.2	9.6	7.8	5.6	2.9	4.2	4.2	7.6	2.1	1.1	1.3
Norway .....	-0.6	0.7	2.3	2.2	2.4	3.3	3.7	6.5	3.2	2.7	3.3	3.9	1.8	3.6	3.7
Switzerland .....	2.7	1.0	1.7	0.4	-0.6	1.0	0.7	1.0	1.5	2.4	2.3	2.3	2.0	0.3	0.5
<b>WECEE</b> .....	..	..	..	..	..	..	..	2.4	2.3	3.3	3.7	3.1	2.1	1.5	1.6
Canada .....	3.4	1.2	-1.6	1.5	1.8	3.0	2.1	2.6	4.6	2.8	3.8	4.0	2.7	3.4	3.1
United States .....	2.7	1.8	0.2	3.3	3.3	3.7	2.7	3.4	3.8	5.0	5.1	4.7	2.5	3.1	3.3
<b>North America</b> .....	2.7	1.8	-	3.1	3.2	3.7	2.7	3.4	3.8	4.9	5.0	4.6	2.5	3.1	3.3
Japan .....	4.8	4.6	2.9	2.6	1.4	2.7	1.9	2.5	0.7	-0.2	-	0.5	1.1	0.5	0.2
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	2.8	2.8	3.5	3.8	3.5	2.2	2.2	2.2
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	6.6	4.9	3.6	4.4	3.1	3.1	4.5	4.3
<b>Western Europe</b> .....	3.4	2.6	2.1	1.6	-0.4	1.8	1.7	2.0	2.1	3.2	3.6	3.1	2.0	1.2	1.3
<b>Western Europe and North America</b> .....	3.0	2.2	1.0	2.4	1.5	2.8	2.2	2.8	3.0	4.1	4.4	4.0	2.3	2.3	2.4

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.

APPENDIX TABLE A.3

**Real general government consumption expenditure in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	1.6	2.5	2.7	3.8	4.6	0.7	-0.1	2.3	2.1	-0.1	1.5	2.8	2.9	4.6	2.4
Germany <sup>a</sup> .....	-1.1	3.1	1.9	5.0	0.1	2.4	1.5	1.8	0.3	1.9	0.8	1.1	1.0	1.9	0.1
Italy .....	0.2	2.5	1.7	0.6	-0.2	-0.9	-2.2	1.0	0.2	0.2	1.3	1.7	3.9	1.9	2.2
Austria .....	1.9	2.2	2.6	2.8	3.2	2.6	3.0	1.5	3.0	2.3	3.0	0.2	-1.4	1.1	0.4
Belgium .....	1.2	-0.4	3.6	1.5	-0.2	1.4	1.5	2.4	0.2	1.1	3.6	2.3	2.8	2.3	2.7
Finland .....	2.3	4.2	1.9	-2.5	-4.2	0.8	2.0	2.6	2.9	2.0	1.4	-	2.4	3.8	0.7
Greece .....	5.4	0.6	-1.5	-3.0	2.6	-1.1	5.6	0.9	3.0	1.7	2.1	14.8	-3.1	5.3	-2.5
Ireland .....	-1.3	5.4	2.7	3.0	0.1	4.1	3.9	3.4	5.1	5.8	7.4	8.1	11.3	8.4	2.6
Luxembourg .....	8.2	6.7	4.0	3.2	5.2	1.0	4.7	5.6	3.0	1.3	7.3	4.8	6.5	3.2	5.0
Netherlands .....	1.9	2.2	2.9	2.9	1.6	1.5	1.5	-0.4	3.2	3.6	2.5	2.0	4.2	3.8	2.7
Portugal .....	6.4	4.2	9.6	-0.9	-0.2	4.3	1.0	3.4	2.2	4.1	5.6	4.1	3.3	2.3	-0.4
Spain .....	8.3	6.3	6.0	3.5	2.7	0.5	2.4	1.3	2.9	3.7	4.2	5.6	3.5	4.1	3.9
<b>Euro area</b> .....	1.3	2.9	2.6	2.9	1.5	1.0	0.6	1.6	1.4	1.4	1.9	2.5	2.6	3.1	1.7
United Kingdom .....	1.0	2.2	3.0	0.7	-0.7	1.0	1.4	1.3	-0.4	1.2	3.5	2.3	2.6	3.8	3.5
Denmark .....	-0.8	-0.2	0.6	0.8	4.1	3.0	2.1	3.4	0.8	3.1	2.0	0.9	2.7	2.1	1.0
Sweden .....	3.0	2.5	3.4	2.1	0.1	-0.8	-0.4	0.6	-0.9	3.4	1.7	-1.2	0.9	2.3	0.8
<b>EU-15</b> .....	1.2	2.7	2.7	2.5	1.1	1.0	0.7	1.6	1.1	1.5	2.1	2.3	2.5	3.2	1.9
Cyprus .....	1.9	17.4	3.9	13.8	-14.3	4.1	2.9	12.6	4.0	7.3	-7.7	-0.1	10.4	8.5	1.7
Czech Republic .....	..	..	-12.3	-6.7	3.6	0.2	-4.3	1.5	1.4	-1.0	5.4	0.2	3.8	4.5	4.2
Estonia .....	..	..	..	..	..	4.0	13.5	-3.1	-1.3	1.7	2.9	1.1	1.8	5.9	5.8
Hungary .....	..	..	..	-1.1	9.8	-7.4	-5.7	-2.3	3.1	1.8	1.5	1.9	6.2	5.0	5.4
Latvia .....	..	..	-3.3	8.0	-0.1	-1.2	1.3	-7.3	3.2	13.2	-0.4	-4.0	2.8	2.2	1.9
Lithuania .....	..	..	..	..	..	..	..	2.5	6.3	6.0	-8.1	3.9	0.3	1.9	5.7
Malta .....	12.7	5.7	10.9	8.9	6.0	6.4	8.5	8.5	-1.2	-4.0	-0.6	5.4	0.3	3.8	1.6
Poland .....	..	..	9.6	5.9	3.2	1.2	3.7	2.3	3.3	2.0	1.9	1.3	0.6	0.4	0.1
Slovakia .....	..	..	-17.8	8.5	-4.3	-10.7	3.6	17.2	-5.4	12.5	-7.1	1.6	4.6	4.9	2.7
Slovenia .....	..	..	-0.3	-1.7	5.3	2.1	2.5	3.4	2.4	5.4	2.9	2.3	3.9	2.5	1.9
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	2.3	2.2	2.7	1.3	1.2	2.7	2.7	2.5
<b>EU-25</b> .....	..	..	..	..	..	..	..	1.7	1.1	1.6	2.1	2.2	2.5	3.1	2.0
Iceland .....	3.0	4.4	3.1	-0.7	2.3	4.0	1.8	1.2	2.5	3.4	4.9	4.4	3.1	3.9	3.0
Israel .....	-9.2	7.6	4.6	1.6	4.2	-0.3	-1.0	5.4	1.9	2.2	2.9	2.2	5.6	5.0	-2.0
Norway .....	2.1	5.3	5.4	5.6	2.7	1.5	1.5	3.1	2.5	3.3	3.2	1.3	5.8	3.1	1.4
Switzerland .....	5.4	5.4	4.3	1.7	-0.7	2.0	1.0	0.9	-0.1	-0.9	0.3	2.6	4.2	3.2	1.4
<b>WECEE</b> .....	..	..	..	..	..	..	..	1.7	1.2	1.6	2.1	2.2	2.6	3.1	2.0
Canada .....	2.8	3.5	2.9	1.0	-	-1.2	-0.6	-1.2	-1.0	3.2	2.1	3.1	3.7	2.8	3.8
United States .....	2.5	2.5	1.3	0.4	-0.3	0.3	0.2	0.4	1.8	1.6	3.1	1.7	3.1	4.0	2.9
<b>North America</b> .....	2.5	2.6	1.5	0.5	-0.3	0.1	0.1	0.2	1.5	1.8	3.0	1.9	3.2	3.9	3.0
Japan .....	2.9	3.2	4.1	2.5	3.0	3.2	4.4	3.0	1.1	2.2	4.7	4.9	3.0	2.6	1.1
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	1.3	1.3	1.7	2.7	2.4	2.9	3.3	2.3
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	2.2	2.2	2.7	1.4	1.2	2.7	2.6	2.5
<b>Western Europe</b> .....	1.3	2.8	2.8	2.5	1.1	1.0	0.7	1.6	1.1	1.5	2.1	2.3	2.6	3.2	1.9
<b>Western Europe and North America</b> .....	1.9	2.7	2.1	1.6	0.5	0.6	0.5	1.0	1.3	1.6	2.5	2.1	2.9	3.5	2.4

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.

## APPENDIX TABLE A.4

**Real gross domestic fixed capital formation in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	7.3	3.3	-1.5	-1.6	-6.4	1.5	2.0	-	-0.1	7.0	8.3	7.8	1.9	-1.6	-0.2
Germany <sup>a</sup> .....	6.7	7.7	5.2	4.5	-4.4	4.0	-0.6	-0.8	0.6	3.0	4.1	2.7	-4.2	-6.4	-2.2
Italy .....	4.2	4.0	1.0	-1.4	-10.9	0.1	6.0	3.6	2.1	4.0	5.0	6.9	1.9	1.2	-2.1
Austria .....	4.2	5.2	8.1	0.2	-1.2	5.2	-1.0	2.6	1.4	3.5	2.3	6.5	-2.1	-3.4	6.2
Belgium .....	11.8	8.6	-4.1	1.1	-2.5	0.4	3.4	0.9	7.1	3.3	4.4	4.4	0.3	-3.7	-0.9
Finland .....	12.5	-4.6	-18.5	-16.4	-15.2	-3.6	11.2	6.7	13.8	8.4	2.5	4.1	3.9	-3.1	-2.3
Greece .....	6.1	4.5	4.2	-3.5	-4.0	-3.1	4.1	8.4	6.8	10.6	11.0	8.0	6.5	5.7	13.7
Ireland .....	10.1	13.4	-7.0	-	-5.1	11.8	15.8	17.4	18.0	15.5	15.1	7.6	-1.5	2.8	3.6
Luxembourg .....	6.9	3.4	15.8	-15.1	20.6	-	-1.5	3.8	12.7	11.8	14.6	-3.5	10.0	-1.1	-6.3
Netherlands .....	5.2	2.6	0.3	0.7	-3.2	2.1	4.1	6.3	6.6	4.2	7.8	1.4	-0.1	-4.5	-3.2
Portugal .....	3.7	7.6	3.3	4.5	-5.5	2.7	6.6	5.7	13.9	11.5	6.4	3.8	0.8	-5.1	-9.8
Spain .....	12.0	6.5	1.7	-4.1	-8.9	1.9	7.7	2.1	5.0	10.0	8.8	5.7	3.0	1.7	3.2
<b>Euro area</b> .....	7.0	5.3	1.4	-	-6.4	2.1	2.9	1.7	2.8	5.6	6.2	5.1	0.1	-2.1	-0.4
United Kingdom .....	6.0	-2.6	-8.2	-0.9	0.3	4.7	3.1	5.7	6.8	12.7	1.6	3.6	2.6	2.7	2.2
Denmark .....	-0.6	-2.2	-3.4	-2.1	-3.8	7.7	11.6	3.9	10.9	10.0	1.4	7.1	4.9	4.5	0.1
Sweden .....	12.1	0.2	-8.5	-11.3	-14.6	6.6	9.9	4.5	-0.3	7.8	8.2	5.7	-1.0	-2.6	-1.5
<b>EU-15</b> .....	6.9	4.0	-0.1	-0.4	-5.8	2.6	3.2	2.3	3.3	6.6	5.6	5.0	0.5	-1.4	-0.1
Cyprus .....	20.0	-2.8	-1.6	16.2	-12.8	-2.5	-1.7	7.2	-4.1	7.9	-1.0	3.8	3.2	8.0	-3.4
Czech Republic .....	..	..	-27.3	16.5	0.2	9.1	19.8	7.6	-3.4	-1.1	-3.5	4.9	5.4	3.4	4.8
Estonia .....	..	..	..	..	..	9.2	5.6	9.6	19.9	14.0	-15.6	14.3	13.0	17.2	5.4
Hungary .....	..	..	-10.5	-2.6	2.0	12.5	-4.3	6.7	9.2	13.2	5.9	7.7	5.0	8.0	3.4
Latvia .....	..	..	-63.9	-28.7	-15.8	0.8	8.7	22.3	20.7	61.4	-6.8	10.2	11.4	13.0	10.9
Lithuania .....	..	..	..	..	..	..	..	15.2	24.5	21.8	-6.1	-9.0	13.5	11.1	11.4
Malta .....	1.0	17.9	-	-0.2	11.1	8.5	17.8	-8.4	-4.5	-3.4	4.0	17.5	-8.5	-29.6	41.4
Poland .....	..	..	-4.4	2.3	2.9	9.2	16.5	19.7	21.7	14.2	6.8	2.7	-8.8	-5.8	-0.5
Slovakia .....	..	..	-25.2	-4.4	-4.2	-2.5	0.6	29.1	15.0	11.0	-19.6	-7.2	13.9	-0.6	-1.5
Slovenia .....	..	..	-11.5	-12.9	10.7	14.1	16.8	11.3	13.5	9.9	21.0	0.6	4.1	2.6	5.4
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	14.3	11.7	10.7	0.9	2.9	-	0.5	2.4
<b>EU-25</b> .....	..	..	..	..	..	..	..	3.3	4.1	7.0	5.1	4.8	0.4	-1.2	0.2
Iceland .....	-7.9	3.0	3.3	-11.1	-10.7	0.6	-1.1	25.7	10.0	32.8	-3.0	14.8	-7.6	-15.1	19.0
Israel .....	-2.2	25.3	41.9	5.2	5.3	8.4	6.6	9.1	-1.0	-3.8	0.1	1.7	-3.1	-7.0	-4.9
Norway .....	-6.9	-10.8	-3.0	-1.1	6.5	5.3	3.9	10.3	15.5	13.1	-5.6	-3.6	-0.7	-3.4	-3.7
Switzerland .....	5.3	3.8	-2.2	-8.0	-2.9	6.5	4.4	-1.7	2.0	6.5	1.2	4.3	-3.1	0.3	-0.3
<b>WECEE</b> .....	..	..	..	..	..	..	..	3.3	4.2	7.1	4.8	4.7	0.3	-1.2	0.1
Canada .....	5.6	-4.0	-5.5	-2.7	-2.0	7.5	-2.1	4.4	15.2	2.4	7.3	4.7	4.1	2.4	4.9
United States .....	2.9	-0.2	-5.1	4.8	6.0	7.3	5.7	8.1	8.0	9.1	8.2	6.1	-1.7	-3.1	4.5
<b>North America</b> .....	3.2	-0.6	-5.1	4.1	5.2	7.3	5.0	7.8	8.6	8.5	8.1	5.9	-1.3	-2.7	4.6
Japan .....	8.5	7.9	2.3	-2.4	-2.8	-1.5	0.8	6.5	0.5	-3.8	-1.1	1.9	-1.4	-5.8	0.8
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	5.6	5.1	5.5	5.0	4.7	-0.6	-2.6	2.0
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	14.6	11.9	10.7	0.9	2.9	-	0.6	2.5
<b>Western Europe</b> .....	6.6	3.8	-0.2	-0.6	-5.6	2.7	3.2	2.3	3.5	6.7	5.2	4.8	0.4	-1.4	-0.1
<b>Western Europe and North America</b> .....	5.1	1.8	-2.4	1.4	-0.9	4.9	4.1	4.9	6.0	7.6	6.7	5.4	-0.5	-2.0	2.3

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.

APPENDIX TABLE A.5

**Real total domestic expenditures in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	3.9	2.8	0.5	0.8	-1.6	2.1	1.6	0.7	0.7	4.0	3.6	4.1	2.0	1.5	1.2
Germany <sup>a</sup> .....	3.2	4.7	4.4	2.8	-1.1	2.3	1.7	0.3	0.6	2.4	2.8	1.9	-0.8	-1.9	0.5
Italy .....	3.1	2.7	2.1	0.9	-5.1	1.7	2.0	0.9	2.7	3.1	3.2	2.3	1.4	1.3	1.2
Austria .....	3.3	4.4	4.2	2.4	-0.4	4.1	1.8	2.7	0.6	2.3	3.0	3.0	-0.3	-0.8	2.3
Belgium .....	4.1	3.3	1.7	1.7	-0.9	2.4	2.1	0.9	2.7	2.7	2.5	3.7	0.4	0.5	1.7
Finland .....	6.3	-0.8	-7.8	-6.1	-5.4	3.0	2.7	3.8	4.8	4.2	2.0	2.5	1.8	0.6	1.8
Greece .....	5.3	2.2	3.5	-0.5	-1.0	1.1	3.5	3.3	3.5	4.6	3.8	5.6	2.4	4.2	5.3
Ireland .....	6.9	6.3	0.2	-0.1	1.0	5.1	6.5	7.8	9.4	10.3	7.6	9.0	3.7	3.6	3.0
Luxembourg .....	6.4	4.7	8.6	-4.1	4.6	2.4	0.7	5.0	6.5	7.3	6.6	5.2	4.3	-0.1	2.8
Netherlands .....	4.8	3.2	2.0	1.3	-1.6	2.3	3.5	2.8	3.9	4.8	4.3	2.5	1.8	0.5	-0.5
Portugal .....	4.9	5.3	6.1	3.4	-2.1	1.5	4.1	3.0	5.1	6.7	5.9	2.9	1.6	-0.3	-2.7
Spain .....	7.3	4.6	3.0	1.0	-3.3	1.5	3.1	1.9	3.5	5.7	5.6	4.6	2.9	2.8	3.2
<b>Euro area</b> .....	4.0	3.6	2.5	1.4	-2.3	2.1	2.1	1.2	1.9	3.7	3.6	3.1	1.1	0.5	1.2
United Kingdom .....	3.0	-0.3	-2.5	0.9	2.1	3.6	1.9	3.2	3.7	5.2	4.1	4.0	3.1	3.1	2.5
Denmark .....	-0.1	-0.7	-0.1	0.9	-0.3	7.0	4.2	2.2	4.9	4.0	0.1	2.4	1.0	1.9	0.3
Sweden .....	4.0	0.7	-2.0	-1.4	-5.2	3.2	2.2	0.9	1.1	4.3	3.3	3.6	-0.3	0.7	0.9
<b>EU-15</b> .....	3.8	2.8	1.5	1.3	-1.7	2.4	2.1	1.5	2.2	3.9	3.6	3.2	1.4	1.0	1.4
Cyprus .....	9.7	6.3	5.1	9.3	-9.5	7.4	7.8	4.1	1.1	5.6	2.1	6.1	3.2	4.7	2.3
Czech Republic .....	..	..	-21.1	4.6	2.2	8.4	8.2	7.7	-1.0	-1.7	1.0	3.9	3.9	3.4	4.2
Estonia .....	..	..	..	..	..	2.0	7.3	7.0	11.8	4.5	-5.1	10.5	7.1	12.2	5.3
Hungary .....	..	..	..	-2.8	9.0	1.3	-3.8	0.3	4.9	8.2	5.1	4.8	1.9	5.4	5.4
Latvia .....	..	..	-21.6	-33.1	-22.5	3.9	-1.7	7.6	5.7	11.4	2.9	3.5	11.2	6.0	11.0
Lithuania .....	..	..	..	..	..	..	..	6.5	10.3	8.0	-0.3	2.0	5.5	6.5	10.4
Malta .....	8.1	8.2	4.8	-0.7	5.3	6.4	9.5	2.9	-0.5	-0.2	4.5	9.4	-6.1	-5.3	9.9
Poland .....	..	..	0.3	0.5	6.0	4.6	6.8	9.4	9.1	6.3	4.8	2.8	-1.6	0.8	2.5
Slovakia .....	..	..	-24.6	-4.5	-3.8	-4.5	9.9	18.2	3.7	7.2	-6.3	0.1	7.4	4.6	-2.5
Slovenia .....	..	..	-9.5	-3.2	12.9	5.5	10.2	3.3	4.7	5.1	8.7	1.3	0.9	2.3	4.2
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	7.9	5.6	5.1	3.0	3.2	1.4	2.8	3.5
<b>EU-25</b> .....	..	..	..	..	..	..	..	2.0	2.5	4.0	3.6	3.2	1.4	1.2	1.6
Iceland .....	-4.2	1.5	3.8	-4.4	-3.7	2.2	2.2	6.9	5.4	13.2	4.4	6.6	-3.6	-2.7	7.9
Israel .....	-3.3	9.4	12.3	5.5	6.2	6.4	5.6	6.1	1.6	1.8	4.4	3.9	2.4	-0.7	-1.7
Norway .....	-1.4	-	1.7	2.2	3.2	4.2	4.6	4.4	6.7	5.7	0.3	2.3	1.1	2.3	0.7
Switzerland .....	4.3	3.8	-1.1	-2.3	-0.8	2.8	1.6	0.2	0.5	4.0	0.3	2.1	2.3	-0.8	0.2
<b>WECEE</b> .....	..	..	..	..	..	..	..	2.0	2.5	4.1	3.5	3.2	1.4	1.1	1.6
Canada .....	4.1	-0.3	-1.9	0.5	1.5	3.3	1.8	1.3	6.1	2.5	4.2	4.7	1.3	3.7	4.6
United States .....	2.8	1.4	-0.7	3.3	3.2	4.3	2.4	3.7	4.7	5.3	5.3	4.4	0.9	2.5	3.3
<b>North America</b> .....	2.9	1.3	-0.8	3.0	3.1	4.2	2.3	3.5	4.8	5.0	5.2	4.4	0.9	2.6	3.4
Japan .....	5.7	5.3	3.0	0.6	0.2	1.3	2.6	3.9	0.7	-1.5	-	1.9	0.8	-0.9	0.7
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	2.9	3.2	3.7	3.8	3.6	1.1	1.5	2.3
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	7.9	5.7	5.1	3.0	3.1	1.4	2.9	3.5
<b>Western Europe</b> .....	3.7	2.8	1.5	1.2	-1.6	2.5	2.2	1.5	2.3	4.0	3.5	3.2	1.4	1.0	1.4
<b>Western Europe and North America</b> .....	3.3	2.0	0.3	2.1	0.7	3.4	2.2	2.5	3.6	4.5	4.4	3.9	1.2	1.8	2.5

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.

APPENDIX TABLE A.6

**Real exports of goods and services in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	10.0	4.8	5.9	5.4	-	7.7	7.7	3.5	11.8	8.3	4.3	12.6	1.6	1.9	-2.5
Germany <sup>a</sup> .....	10.3	13.2	12.9	-0.8	-5.5	7.6	5.7	5.1	11.2	7.0	5.5	13.5	5.7	4.1	1.8
Italy .....	7.8	7.5	-1.4	7.3	9.0	9.8	12.6	0.6	6.4	3.4	0.1	9.7	1.6	-3.4	-3.9
Austria .....	10.1	8.2	3.0	1.5	-2.6	5.5	6.3	4.8	11.4	8.6	5.7	10.5	6.8	3.8	1.4
Belgium .....	8.2	4.6	3.1	3.7	-0.4	8.3	5.0	3.0	5.9	6.0	5.1	8.4	1.3	1.5	1.7
Finland .....	3.0	1.5	-7.4	10.1	16.3	13.6	8.5	5.7	13.7	9.2	6.5	19.3	-0.8	5.1	1.3
Greece .....	1.9	-3.5	4.1	10.0	-2.6	7.4	3.0	3.5	20.0	5.3	18.1	14.1	-1.1	-7.7	1.0
Ireland .....	10.3	8.7	5.7	13.9	9.7	15.1	20.0	12.2	17.4	22.0	15.2	20.4	8.4	5.7	-0.8
Luxembourg .....	12.6	5.6	9.2	2.7	4.8	7.7	4.6	5.8	14.7	14.1	14.8	17.3	1.8	-0.6	1.8
Netherlands .....	7.5	5.6	5.6	1.8	4.8	9.7	8.8	4.6	8.8	7.4	5.1	11.3	1.6	0.8	-
Portugal .....	12.2	9.5	1.2	3.2	-3.3	8.4	8.8	7.1	7.1	9.1	2.9	7.8	1.4	2.0	4.0
Spain .....	1.4	4.7	8.2	7.5	7.8	16.7	9.4	10.4	15.3	8.2	7.7	10.1	3.6	1.2	2.6
<b>Euro area</b> .....	8.4	7.6	6.0	3.5	1.2	9.2	8.2	4.4	10.4	7.3	5.1	11.9	3.2	1.6	0.1
United Kingdom .....	4.5	5.5	-0.1	4.3	4.4	9.2	9.3	8.6	8.4	2.8	4.3	9.4	2.9	0.1	0.1
Denmark .....	4.2	6.2	6.1	-0.9	-1.5	7.0	2.7	4.3	4.2	4.3	12.3	13.5	4.4	4.7	-
Sweden .....	3.2	1.8	-1.9	2.2	8.3	14.1	11.5	3.7	13.8	8.6	7.4	11.5	0.5	1.2	5.0
<b>EU-15</b> .....	7.6	7.1	4.9	3.5	1.7	9.3	8.3	4.9	10.1	6.7	5.2	11.6	3.1	1.5	0.3
Cyprus .....	16.8	7.9	-8.4	18.7	-1.3	7.9	4.6	3.5	3.1	1.0	8.5	10.6	6.3	-5.2	-1.4
Czech Republic .....	..	..	-6.0	9.5	15.8	1.7	16.7	5.5	8.4	10.5	5.5	16.5	11.5	2.1	7.3
Estonia .....	..	..	..	..	..	3.5	5.3	2.8	28.9	12.0	0.7	28.3	-0.2	0.9	5.7
Hungary .....	..	..	..	2.1	-10.1	13.7	13.4	12.1	22.3	17.6	12.2	21.0	7.8	3.7	7.6
Latvia .....	..	..	-32.2	14.9	-22.4	-8.4	4.3	20.2	13.1	4.9	-6.4	11.4	7.5	5.2	5.0
Lithuania .....	..	..	..	..	..	..	..	19.3	18.7	4.6	-16.8	9.8	21.2	19.5	6.0
Malta .....	10.7	13.3	7.5	9.7	5.3	7.1	5.4	-6.0	4.0	8.2	8.2	5.6	-4.9	6.6	-3.8
Poland .....	..	..	-1.7	10.8	3.2	13.1	22.8	12.0	12.2	14.3	-2.6	23.2	3.1	4.8	14.7
Slovakia .....	..	..	33.4	47.5	-0.2	14.8	4.5	-1.1	17.6	12.8	5.0	13.7	6.3	5.6	22.5
Slovenia .....	..	..	-20.1	-23.5	0.6	12.3	1.1	2.8	11.3	7.4	1.6	13.0	6.3	6.8	3.1
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	8.0	14.0	12.5	3.1	18.5	7.2	4.4	10.4
<b>EU-25</b> .....	..	..	..	..	..	..	..	5.2	10.5	7.3	5.0	12.3	3.5	1.8	1.4
Iceland .....	2.9	-	-5.9	-2.0	6.5	9.5	-2.3	9.9	5.3	2.2	4.0	5.0	7.7	3.6	-0.7
Israel .....	4.1	2.0	-2.8	13.9	-	12.9	10.0	5.7	8.6	6.4	12.0	24.0	-12.3	-2.4	6.2
Norway .....	11.0	8.6	6.1	4.7	3.2	8.4	4.9	10.2	7.7	0.6	2.8	4.0	5.0	0.1	1.2
Switzerland .....	6.9	2.6	-1.3	3.1	1.3	1.9	0.5	3.6	11.1	3.9	6.5	12.2	0.2	-0.2	-
<b>WECEE</b> .....	..	..	..	..	..	..	..	5.3	10.4	7.0	5.0	12.2	3.5	1.7	1.4
Canada .....	1.0	4.7	1.8	7.2	10.8	12.7	8.5	5.6	8.3	9.1	10.7	8.9	-2.8	1.1	-2.4
United States .....	11.8	8.7	6.6	6.9	3.2	8.7	10.1	8.4	11.9	2.4	4.3	8.7	-5.4	-2.4	1.9
<b>North America</b> .....	8.8	7.7	5.4	7.0	5.1	9.7	9.7	7.7	11.0	4.1	6.0	8.8	-4.7	-1.4	0.7
Japan .....	9.3	6.7	4.1	3.9	-0.1	3.6	4.3	6.2	11.3	-2.4	1.5	12.1	-6.0	7.3	9.1
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	6.0	10.6	5.6	5.0	11.3	0.7	1.3	1.7
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	8.2	14.3	12.7	3.0	18.8	7.4	4.5	10.7
<b>Western Europe</b> .....	7.7	7.0	4.7	3.5	1.8	9.0	8.0	5.0	10.0	6.4	5.2	11.5	3.0	1.4	0.3
<b>Western Europe and North America</b> .....	8.0	7.2	4.9	4.5	2.7	9.2	8.5	5.8	10.3	5.7	5.4	10.6	0.7	0.6	0.4

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.



APPENDIX TABLE A.7

**Real imports of goods and services in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	8.0	5.5	3.1	1.8	-3.7	8.2	8.0	1.6	6.9	11.6	6.2	14.6	1.3	2.9	-0.1
Germany <sup>a</sup> .....	8.5	10.7	12.2	1.5	-5.5	7.4	5.6	3.1	8.3	9.1	8.4	10.6	1.0	-1.6	4.0
Italy .....	8.9	11.5	2.3	7.4	-10.9	8.1	9.7	-0.3	10.1	8.9	5.6	7.1	0.5	-0.2	-0.6
Austria .....	9.6	7.6	4.6	1.6	-4.8	10.2	6.0	5.0	7.8	5.6	5.0	10.1	5.0	-0.2	4.8
Belgium .....	9.7	4.9	2.9	4.1	-0.4	7.3	4.7	2.6	5.1	7.3	4.2	8.5	1.0	1.0	2.3
Finland .....	9.1	-0.6	-12.9	0.5	1.5	12.4	7.4	5.9	11.2	7.9	3.5	16.9	0.2	1.9	0.9
Greece .....	10.5	8.4	5.8	1.1	0.6	1.5	8.9	7.0	14.2	9.2	15.0	15.1	-5.2	-2.9	4.8
Ireland .....	13.5	5.1	2.4	8.2	7.5	15.5	16.4	12.5	16.7	26.0	12.1	21.3	6.7	3.3	-2.3
Luxembourg .....	9.1	5.0	9.1	-3.1	5.2	6.7	4.2	7.6	13.9	15.3	14.6	15.4	3.7	-2.6	1.6
Netherlands .....	7.7	3.8	4.9	1.5	0.3	9.4	10.5	4.4	9.5	8.5	5.8	10.5	2.2	0.8	0.6
Portugal .....	5.9	14.5	7.2	10.7	-3.3	8.8	7.4	4.9	10.0	14.2	8.5	5.5	1.1	-0.2	-0.9
Spain .....	17.7	9.6	10.3	6.8	-5.2	11.4	11.1	8.0	13.2	13.2	12.6	10.5	3.9	3.1	4.8
<b>Euro area</b> .....	9.3	8.1	6.0	3.5	-4.5	8.4	7.8	3.3	9.1	10.1	7.5	10.9	1.6	0.5	1.9
United Kingdom .....	7.4	0.5	-4.5	6.8	3.3	5.8	5.6	9.7	9.8	9.3	7.9	9.1	4.9	4.1	1.3
Denmark .....	4.1	1.2	3.0	-0.4	-2.7	12.3	7.2	3.6	10.0	8.9	5.5	13.5	3.5	7.3	-0.6
Sweden .....	7.7	0.7	-4.9	1.5	-2.2	12.2	7.2	3.0	12.5	11.3	4.9	11.3	-2.6	-1.9	4.9
<b>EU-15</b> .....	8.9	6.7	4.2	3.8	-3.4	8.2	7.5	4.2	9.3	10.0	7.4	10.7	2.0	1.1	1.8
Cyprus .....	20.4	5.8	2.2	18.2	-18.1	8.2	11.5	8.0	0.8	2.3	2.9	12.9	4.7	-0.5	-0.4
Czech Republic .....	..	..	-32.8	29.7	23.7	14.7	21.2	12.1	6.9	8.4	5.0	16.3	13.0	4.9	7.9
Estonia .....	..	..	..	..	..	11.1	6.4	7.5	29.3	12.3	-5.2	28.3	2.1	3.7	11.0
Hungary .....	..	..	..	0.2	20.2	8.8	-0.7	9.4	23.1	23.8	13.3	19.4	5.1	6.2	10.4
Latvia .....	..	..	-43.9	8.0	-39.8	-0.7	1.4	28.5	6.8	19.0	-5.2	3.1	14.5	4.6	13.0
Lithuania .....	..	..	..	..	..	..	..	23.3	25.0	6.2	-12.4	4.7	17.7	17.6	8.8
Malta .....	11.1	15.7	5.4	3.0	5.9	7.5	10.0	-5.9	-1.6	2.5	10.2	10.4	-8.6	-2.4	7.1
Poland .....	..	..	29.6	1.7	13.2	11.3	24.3	28.0	21.4	18.5	1.0	15.6	-5.3	2.6	9.3
Slovakia .....	..	..	-14.7	47.1	-0.7	-4.7	11.6	19.7	14.2	16.5	-6.7	10.5	11.0	5.5	13.6
Slovenia .....	..	..	-22.4	-22.9	17.6	13.1	11.3	2.3	11.5	10.3	8.0	7.6	3.0	4.8	6.4
<b>New EU members-10</b> .....	..	..	..	..	..	..	..	16.4	15.9	15.3	2.9	15.2	4.7	4.9	9.5
<b>EU-25</b> .....	..	..	..	..	..	..	..	5.4	10.0	10.6	6.9	11.2	2.3	1.6	2.8
Iceland .....	-10.3	1.0	5.3	-6.0	-7.8	4.1	3.9	16.5	7.7	23.4	4.2	8.0	-9.0	-2.6	9.7
Israel .....	-5.1	9.5	15.8	8.4	14.1	10.8	7.7	7.7	3.3	1.7	14.9	12.2	-4.6	-2.1	-1.8
Norway .....	2.2	2.5	0.5	1.6	4.9	5.8	5.7	8.8	12.4	8.5	-1.8	2.7	0.9	2.3	2.2
Switzerland .....	6.6	2.8	-1.9	-3.8	-0.1	7.7	4.3	3.2	8.3	7.5	4.3	9.6	3.2	-2.8	1.4
<b>WECEE</b> .....	..	..	..	..	..	..	..	5.4	10.0	10.5	6.7	11.1	2.3	1.5	2.8
Canada .....	5.9	2.0	2.5	4.7	7.4	8.0	5.7	5.1	14.2	5.1	7.8	8.1	-5.0	1.4	3.8
United States .....	3.9	3.8	-0.6	6.9	8.8	11.9	8.0	8.7	13.6	11.6	11.5	13.1	-2.7	3.4	4.4
<b>North America</b> .....	4.4	3.4	0.1	6.4	8.4	11.0	7.5	7.9	13.7	10.2	10.7	12.1	-3.2	3.0	4.3
Japan .....	16.9	7.8	-1.1	-0.7	-1.4	7.9	13.3	12.9	0.7	-6.7	3.7	8.5	-0.7	1.3	3.9
<b>Europe, North America and Japan</b> .....	..	..	..	..	..	..	..	6.6	10.4	9.3	7.7	11.3	0.5	1.9	3.3
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	16.9	16.3	15.6	2.8	15.2	4.8	5.0	9.6
<b>Western Europe</b> .....	8.7	6.5	3.9	3.5	-3.2	8.2	7.4	4.2	9.3	9.9	7.2	10.6	2.0	1.0	1.8
<b>Western Europe and North America</b> .....	7.3	5.5	2.8	4.3	0.2	9.1	7.4	5.4	10.7	10.0	8.4	11.1	0.2	1.7	2.7

Source: Eurostat, NewCronos Database; OECD, *National Accounts* (Paris), various issues; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany, 1989-1991.

APPENDIX TABLE A.8

**Industrial output in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	3.5	1.4	-0.5	-1.5	-3.9	3.8	1.9	-0.1	4.1	3.6	2.4	3.8	1.1	-1.6	-0.2
Germany <sup>a</sup> .....	4.9	5.2	2.9	-2.3	-7.5	2.9	0.6	0.2	3.2	3.7	1.1	5.6	0.2	-1.0	0.4
Italy .....	3.9	-0.6	-0.9	-1.0	-2.2	5.9	5.8	-1.7	3.8	1.2	-0.1	4.1	-1.0	-1.6	-0.6
Austria .....	6.0	7.1	1.7	-1.2	-1.6	4.0	5.1	1.0	6.4	8.2	6.0	9.0	2.8	0.8	2.0
Belgium .....	3.4	3.8	-1.9	-0.4	-5.1	2.1	6.5	0.5	4.7	3.4	0.9	5.4	-1.0	1.3	0.7
Finland .....	2.4	0.4	-8.7	0.8	5.6	11.3	6.2	2.9	8.6	9.3	5.7	11.8	0.1	2.1	0.8
Greece .....	1.8	-2.4	-1.0	-1.1	-2.9	1.3	1.8	1.2	1.3	7.1	3.9	0.5	1.4	0.4	1.3
Ireland .....	11.6	4.7	3.3	9.1	5.6	11.9	20.5	8.1	17.5	19.8	14.8	15.4	10.2	7.5	5.0
Luxembourg .....	7.8	-0.5	0.3	-0.8	-4.3	5.9	1.4	0.1	5.8	-0.1	11.5	4.3	1.8	1.0	2.6
Netherlands .....	5.3	2.4	1.7	-0.2	-1.1	4.9	2.9	2.4	0.2	2.2	1.4	3.5	0.4	-0.3	-2.4
Portugal .....	6.7	9.0	-	-2.3	-4.8	-0.2	4.7	5.3	2.6	5.7	3.0	0.5	3.1	-0.5	-0.1
Spain .....	5.1	-0.4	-0.6	-3.1	-4.7	7.8	4.9	-1.2	7.0	5.4	2.7	4.4	-1.4	0.1	1.4
<b>Euro area</b> .....	4.7	4.0	1.4	-1.7	-4.7	4.4	3.3	0.1	4.1	3.8	1.8	5.2	0.4	-0.5	0.4
United Kingdom .....	2.1	-0.3	-3.4	0.3	2.2	5.4	1.8	1.4	1.4	1.0	1.2	1.9	-1.6	-2.5	-0.1
Denmark .....	0.4	0.8	0.3	3.0	-3.7	10.3	4.0	1.4	4.9	2.9	0.2	5.4	1.6	1.4	0.2
Sweden .....	3.7	6.9	-5.2	-2.3	-1.0	11.8	9.5	-	4.9	4.0	2.6	6.4	-1.3	0.1	1.7
<b>EU-15</b> .....	4.1	2.4	0.3	-1.3	-3.3	4.9	3.2	0.3	3.7	3.3	1.6	4.7	-	-0.8	0.3
Cyprus .....	..	..	..	..	..	..	..	..	..	..	..	4.5	1.9	4.3	2.3
Czech Republic .....	..	..	-21.9	-8.0	-5.3	2.1	8.7	2.0	4.5	1.6	-3.2	5.4	6.5	9.5	5.8
Estonia .....	..	..	..	..	..	..	..	..	..	..	-3.9	15.0	8.5	8.5	10.3
Hungary .....	-5.1	-9.3	-18.3	-9.8	4.0	9.7	4.6	3.4	11.1	12.5	10.3	18.2	3.6	2.7	6.4
Latvia .....	..	..	..	..	..	..	..	..	6.1	1.8	-9.0	3.9	6.9	6.4	6.9
Lithuania .....	..	..	..	..	..	..	..	..	..	..	-9.9	2.2	16.0	3.1	16.1
Malta .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Poland .....	-2.8	-25.4	-16.0	4.0	4.8	13.1	10.3	9.4	11.3	4.7	4.8	7.5	0.4	1.4	8.8
Slovakia .....	..	-4.5	-19.3	-9.7	-3.7	4.9	8.3	2.4	1.4	5.4	-2.0	8.5	7.4	6.7	5.4
Slovenia .....	..	..	..	..	..	..	..	..	..	..	-0.8	8.7	2.0	2.1	-1.9
<b>New EU members-10<sup>b</sup></b> .....	..	..	..	..	..	..	..	..	..	..	..	8.4	3.6	4.2	7.1
<b>EU-25</b> .....	..	..	0.3	-1.3	-3.3	4.9	3.2	0.5	3.9	3.3	1.7	4.8	0.2	-0.6	0.7
Iceland .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Israel .....	-1.6	8.0	6.8	8.2	6.9	7.4	8.4	5.4	1.8	2.8	1.4	10.1	-5.5	-1.5	-0.5
Norway .....	9.1	3.4	1.7	5.6	3.9	7.0	5.8	5.2	3.6	-1.2	-0.2	2.9	-1.3	1.0	-4.1
Switzerland .....	1.5	2.6	0.5	-1.0	-1.8	4.3	2.0	-	4.7	3.6	3.5	8.4	-0.7	-5.1	-
<b>WECEE<sup>c</sup></b> .....	..	..	..	..	..	..	..	..	..	..	..	5.0	0.3	-0.4	0.9
Canada .....	-0.3	-2.8	-3.6	1.3	4.8	6.3	4.6	1.2	5.6	3.5	5.9	8.6	-3.9	1.5	0.8
United States .....	0.9	0.9	-1.5	2.8	3.3	5.4	4.8	4.3	7.4	5.9	4.4	4.4	-3.4	-0.6	0.3
<b>North America</b> .....	0.7	0.4	-1.8	2.7	3.5	5.5	4.8	4.0	7.2	5.7	4.6	4.9	-3.5	-0.3	0.4
Japan .....	5.8	4.2	1.9	-5.7	-3.5	1.3	3.3	2.3	3.5	-6.6	0.3	5.4	-6.3	-1.1	3.0
<b>Europe, North America and Japan<sup>c</sup></b> .....	..	..	..	..	..	..	..	..	..	..	..	5.0	-2.3	-0.5	1.0
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	..	..	..	..	..	..	..	..	..	1.8	8.5	3.6	4.2	7.1
<b>Western Europe</b> .....	4.2	2.5	0.3	-1.2	-3.0	4.9	3.3	0.4	3.7	3.1	1.6	4.7	-	-0.9	0.2
<b>Western Europe and North America</b> .....	2.6	1.6	-0.6	0.5	-0.1	5.2	4.0	2.1	5.4	4.4	3.1	4.8	-1.7	-0.6	0.3

*Source:* National statistics; Eurostat; OECD, *Main Economic Indicators* (Paris), latest issues.

*Note:* All aggregates exclude Israel. Except for the European Union member countries, industrial output indices for regional aggregates have been calculated as weighted averages of the indices of the constituent countries; the European Union member countries' aggregates are provided by Eurostat. Weights were derived from 2000 value added originating in industry converted from national currency units into dollars using 2000 GDP purchasing power parities.

<sup>a</sup> West Germany, 1989-1991.

<sup>b</sup> Computed as a weighted average, excluding Malta.

<sup>c</sup> Excluding Malta and Iceland.

APPENDIX TABLE A.9

**Total employment in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	1.7	0.8	0.1	-0.6	-1.3	0.1	0.9	0.4	0.4	1.5	2.0	2.7	1.7	0.7	0.2
Germany <sup>a</sup> .....	1.8	3.1	2.5	-1.5	-1.4	-0.2	0.2	-0.3	-0.2	1.1	1.2	1.8	0.4	-0.6	-1.0
Italy .....	0.7	1.6	1.9	-0.5	-2.5	-1.5	-0.1	0.6	0.4	1.0	1.1	1.9	2.0	1.8	1.2
Austria .....	1.1	1.8	1.3	0.5	-0.5	0.1	-0.2	0.3	0.9	1.3	1.8	1.0	0.6	-0.1	0.1
Belgium .....	1.2	0.9	0.1	-0.5	-0.8	-0.4	4.1	0.3	0.9	1.8	1.4	1.9	1.5	-0.3	-
Finland .....	0.9	-0.4	-5.6	-7.0	-6.0	-1.4	1.8	1.4	3.4	2.0	2.5	2.3	1.5	0.9	-
Greece .....	0.4	1.3	-1.7	1.4	0.8	1.9	0.9	-0.5	-2.2	7.5	0.1	0.3	-0.3	0.1	1.4
Ireland .....	-	4.4	-0.3	0.3	1.4	3.2	4.4	3.6	5.6	8.6	6.0	4.7	3.0	1.3	2.0
Luxembourg .....	3.4	3.9	4.3	2.6	2.0	2.4	2.9	2.3	3.2	4.8	5.0	5.6	5.7	2.9	1.7
Netherlands .....	2.6	3.0	1.9	1.3	0.3	0.6	2.3	2.3	3.2	2.6	2.6	2.2	2.1	0.4	-0.4
Portugal .....	2.3	2.2	2.8	-1.6	-2.0	-1.0	-0.2	-5.9	1.7	2.7	1.8	2.3	1.5	0.3	-0.4
Spain .....	3.6	3.8	1.2	-1.4	-2.8	-0.5	1.9	1.3	2.9	3.9	3.5	3.5	2.4	1.5	1.8
<b>Euro area</b> .....	1.7	2.2	1.4	-0.9	-1.6	-0.3	0.8	0.2	0.8	2.0	1.8	2.2	1.4	0.5	0.2
United Kingdom .....	2.8	0.5	-2.9	-2.2	-0.7	0.8	1.2	0.9	1.8	1.0	1.3	1.1	0.8	0.7	0.9
Denmark .....	-0.6	-0.7	-0.6	-0.8	-1.7	2.0	0.9	0.4	0.8	1.6	2.1	0.3	0.3	-0.4	-0.9
Sweden .....	1.5	0.9	-1.5	-4.4	-5.2	-0.9	1.5	-0.9	-1.3	1.5	2.1	2.4	1.9	0.2	-0.3
<b>EU-15</b> .....	1.9	1.8	0.5	-1.2	-1.5	-0.1	0.9	0.3	0.9	1.8	1.7	2.0	1.3	0.5	0.3
Cyprus .....	3.9	2.7	0.3	4.5	-0.1	2.8	4.3	0.4	0.2	1.4	1.8	2.3	2.0	1.3	1.0
Czech Republic .....	0.6	-0.9	-5.5	-2.6	-1.6	0.8	2.6	0.7	-1.9	-1.3	-2.5	-0.2	0.3	-0.4	-0.7
Estonia .....	2.4	-1.4	-2.3	-5.6	-8.2	-3.4	-6.2	-2.2	-0.3	-1.7	-4.5	-1.2	0.9	1.4	1.5
Hungary .....	-0.7	-3.3	-10.3	-10.0	-6.3	-2.0	-1.9	-0.8	-	1.4	3.1	1.0	0.5	0.1	1.3
Latvia .....	-0.5	0.1	-0.8	-7.3	-6.9	-10.1	-3.5	-2.6	4.3	-0.4	-1.8	-2.8	2.2	2.8	1.8
Lithuania .....	0.2	-2.7	2.4	-2.2	-4.2	-5.8	-1.9	0.9	0.6	-0.8	-2.2	-4.0	-3.3	4.0	2.3
Malta .....	0.9	0.8	1.8	1.5	-0.4	1.8	3.4	0.9	-0.5	0.5	0.8	1.9	2.1	-0.7	-0.7
Poland .....	-0.1	-4.2	-5.9	-4.2	-2.4	1.0	1.8	1.9	2.8	2.3	-2.7	-2.3	-0.6	-2.2	-0.7
Slovakia .....	0.2	-1.8	-12.5	1.1	-2.6	-4.2	2.1	3.3	-0.5	-0.3	-3.0	-1.4	1.0	0.2	1.8
Slovenia .....	-1.3	-3.9	-7.8	-5.5	-2.9	-2.5	-0.2	-0.5	-0.2	0.2	1.8	1.3	1.4	0.6	-0.8
<b>New EU members-10</b> .....	-	-3.0	-6.2	-4.4	-3.2	-0.8	0.9	1.1	1.2	1.1	-1.8	-1.4	-0.1	-0.8	-
<b>EU-25</b> .....	1.5	0.9	-0.7	-1.7	-1.8	-0.2	0.9	0.4	0.9	1.7	1.2	1.5	1.1	0.3	0.3
Iceland .....	-1.6	0.1	-	-1.6	-0.8	0.8	0.8	2.4	1.6	3.1	2.3	2.2	2.2	-1.4	1.4
Israel .....	0.5	2.1	6.1	4.2	6.1	6.9	5.2	2.4	1.4	1.6	3.1	4.0	2.0	0.9	2.0
Norway .....	-2.8	-0.8	-0.9	-0.2	0.5	1.4	2.1	2.0	3.0	2.5	0.8	0.4	0.3	0.3	-0.6
Switzerland .....	2.7	3.2	1.9	-1.5	-0.8	-0.7	-	-	0.1	1.4	0.8	1.0	1.6	0.6	-0.1
<b>WECEE</b> .....	1.5	0.9	-0.6	-1.7	-1.8	-0.2	0.9	0.4	1.0	1.7	1.1	1.4	1.1	0.3	0.2
Canada .....	2.4	0.6	-1.8	-0.7	1.1	1.8	1.7	0.9	2.1	2.4	2.8	2.4	0.8	2.3	1.9
United States .....	2.3	1.3	-1.0	0.1	2.0	2.3	2.2	1.7	2.3	1.7	2.0	2.0	-0.2	-0.9	-
<b>North America</b> .....	2.3	1.2	-1.1	-	1.9	2.3	2.1	1.7	2.3	1.7	2.1	2.0	-0.1	-0.6	0.2
Japan .....	1.5	1.7	2.0	1.1	0.4	0.1	0.1	0.4	1.0	-0.7	-0.8	-0.1	-0.6	-1.4	-0.2
<b>Europe, North America and Japan</b> .....	1.8	1.1	-0.4	-0.6	-0.1	0.7	1.2	0.9	1.5	1.3	1.2	1.4	0.4	-0.3	0.2
<i>Memorandum items:</i>															
<b>EU-8</b> .....	-	-3.1	-6.3	-4.5	-3.2	-0.8	0.9	1.1	1.2	1.1	-1.9	-1.5	-0.2	-0.9	-
<b>Western Europe</b> .....	1.8	1.8	0.5	-1.2	-1.5	-0.1	0.9	0.3	0.9	1.8	1.7	1.9	1.3	0.5	0.3
<b>Western Europe and North America</b> .....	2.0	1.5	-0.2	-0.6	0.1	1.0	1.5	1.0	1.6	1.8	1.9	2.0	0.6	-	0.2

**Source:** Eurostat, NewCronos Database; OECD, *National Accounts and Economic Outlook*, latest issues; national statistics; UNECE secretariat estimates.

**Note:** All aggregates exclude Israel. Total employment is defined as the number of persons engaged in some productive activity within resident production units (national accounts concept). The labour force survey concept (based on resident household surveys) is used for Iceland, Malta and the United Kingdom (up to 1989), Germany (up to 1990).

<sup>a</sup> West Germany, 1989-1991.

APPENDIX TABLE A.10

**Standardized unemployment rates <sup>a</sup> in Europe, North America and Japan, 1989-2003**  
(Per cent of civilian labour force)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	8.9	8.5	9.0	9.9	11.1	11.7	11.1	11.6	11.5	11.1	10.5	9.1	8.4	8.9	9.4
Germany <sup>b</sup> .....	5.6	4.8	4.2	6.4	7.7	8.2	8.0	8.7	9.7	9.1	8.4	7.8	7.8	8.7	9.6
Italy .....	9.7	8.9	8.5	8.7	10.1	11.0	11.5	11.5	11.6	11.7	11.3	10.4	9.4	9.0	8.6
Austria .....	3.1	3.2	3.5	3.6	4.0	3.8	3.9	4.4	4.4	4.5	3.9	3.7	3.6	4.2	4.3
Belgium .....	7.4	6.6	6.4	7.1	8.6	9.8	9.7	9.5	9.2	9.3	8.6	6.9	6.7	7.3	8.0
Finland .....	3.1	3.2	6.6	11.7	16.3	16.6	15.4	14.6	12.7	11.4	10.2	9.8	9.1	9.1	9.0
Greece .....	6.7	6.4	7.1	7.9	8.6	8.9	9.2	9.6	9.8	10.9	11.8	11.0	10.4	10.0	9.3
Ireland .....	14.7	13.4	14.7	15.4	15.6	14.3	12.3	11.7	9.9	7.5	5.6	4.3	3.9	4.3	4.6
Luxembourg .....	1.8	1.7	1.6	2.1	2.6	3.2	2.9	2.9	2.7	2.7	2.4	2.3	2.1	2.8	3.7
Netherlands .....	6.6	5.8	5.5	5.3	6.2	6.8	6.6	6.0	4.9	3.8	3.2	2.9	2.5	2.7	3.8
Portugal .....	5.2	4.8	4.2	4.3	5.6	6.9	7.3	7.3	6.8	5.1	4.5	4.1	4.0	5.0	6.3
Spain .....	13.9	13.1	13.2	14.9	18.6	19.8	18.8	18.1	17.0	15.2	12.8	11.3	10.6	11.3	11.3
<b>Euro area</b> .....	<b>8.2</b>	<b>7.6</b>	<b>7.3</b>	<b>8.5</b>	<b>10.1</b>	<b>10.8</b>	<b>10.5</b>	<b>10.7</b>	<b>10.8</b>	<b>10.2</b>	<b>9.4</b>	<b>8.5</b>	<b>8.0</b>	<b>8.4</b>	<b>8.8</b>
United Kingdom .....	7.1	6.9	8.6	9.8	10.0	9.3	8.5	8.0	6.9	6.2	5.9	5.4	5.0	5.1	4.9
Denmark .....	6.8	7.2	7.9	8.6	9.6	7.7	6.7	6.3	5.2	4.9	4.8	4.4	4.3	4.6	5.6
Sweden .....	1.6	1.7	3.1	5.6	9.1	9.4	8.8	9.6	9.9	8.2	6.7	5.6	4.9	4.9	5.6
<b>EU-15</b> .....	<b>7.8</b>	<b>7.3</b>	<b>7.4</b>	<b>8.7</b>	<b>10.0</b>	<b>10.4</b>	<b>10.1</b>	<b>10.2</b>	<b>10.0</b>	<b>9.4</b>	<b>8.7</b>	<b>7.8</b>	<b>7.4</b>	<b>7.7</b>	<b>8.1</b>
Cyprus .....	2.3	1.8	3.0	1.8	2.6	4.1	4.0	4.7	5.2	5.2	5.5	5.2	4.4	3.9	4.5
Czech Republic .....	..	..	..	..	4.4	4.4	4.1	3.9	4.8	6.3	8.6	8.6	8.0	7.3	7.8
Estonia .....	..	..	..	..	..	..	..	..	9.6	9.2	11.3	12.5	11.8	9.5	10.2
Hungary .....	5.3	5.5	6.7	7.4	6.8	6.1	5.6	9.6	9.0	8.4	6.9	6.3	5.6	5.6	5.8
Latvia .....	..	..	..	..	..	..	..	..	..	14.3	14.0	13.7	12.9	12.6	10.4
Lithuania .....	..	..	..	..	..	..	..	..	..	13.2	13.7	16.4	16.4	13.5	12.7
Malta .....	5.6	5.8	5.6	6.1	7.1	6.5	5.7	6.8	7.5	7.6	7.9	6.8	7.7	7.7	8.0
Poland .....	..	..	..	..	14.0	14.4	13.3	12.3	10.9	10.2	13.4	16.4	18.5	19.8	19.2
Slovakia .....	..	..	..	..	..	13.7	13.1	11.3	11.9	12.6	16.7	18.7	19.4	18.7	17.5
Slovenia .....	..	..	..	..	..	..	..	6.9	6.9	7.4	7.2	6.6	5.8	6.1	6.5
<b>New EU members-10</b> .....	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>9.7</b>	<b>11.8</b>	<b>13.6</b>	<b>14.5</b>	<b>14.7</b>	<b>14.3</b>
<b>EU-25</b> .....	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>9.4</b>	<b>9.2</b>	<b>8.7</b>	<b>8.5</b>	<b>8.8</b>	<b>9.0</b>
Iceland .....	1.6	1.8	2.6	4.3	5.3	5.4	4.9	3.8	3.9	2.7	2.1	2.3	2.3	3.2	3.4
Israel <sup>c</sup> .....	8.9	9.6	10.6	11.2	10.0	7.8	6.9	6.7	7.7	8.5	8.9	8.8	9.4	10.3	10.7
Norway .....	4.9	5.2	5.5	5.9	6.0	5.4	4.9	4.7	4.0	3.2	3.2	3.4	3.6	3.9	4.5
Switzerland .....	0.5	0.5	1.9	3.0	3.9	3.9	3.5	3.9	4.2	3.6	3.0	2.7	2.6	3.2	4.2
<b>WECEE</b> .....	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>9.3</b>	<b>9.0</b>	<b>8.6</b>	<b>8.3</b>	<b>8.7</b>	<b>8.9</b>
Canada .....	7.6	8.1	10.3	11.2	11.4	10.4	9.4	9.6	9.1	8.3	7.6	6.8	7.2	7.7	7.6
United States .....	5.3	5.5	6.7	7.4	6.8	6.1	5.6	5.4	4.9	4.5	4.2	4.0	4.8	5.8	6.0
<b>North America</b> .....	<b>5.5</b>	<b>5.8</b>	<b>7.1</b>	<b>7.8</b>	<b>7.3</b>	<b>6.5</b>	<b>6.0</b>	<b>5.8</b>	<b>5.3</b>	<b>4.9</b>	<b>4.5</b>	<b>4.3</b>	<b>5.0</b>	<b>6.0</b>	<b>6.2</b>
Japan .....	2.3	2.1	2.1	2.2	2.5	2.9	3.1	3.4	3.4	4.1	4.7	4.7	5.0	5.4	5.3
<b>Europe, North America and Japan</b> .....	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>6.9</b>	<b>6.8</b>	<b>6.5</b>	<b>6.7</b>	<b>7.2</b>	<b>7.4</b>
<i>Memorandum items:</i>															
<b>EU-8</b> .....	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>9.7</b>	<b>11.9</b>	<b>13.7</b>	<b>14.6</b>	<b>14.9</b>	<b>14.4</b>
<b>Western Europe</b> .....	<b>7.6</b>	<b>7.1</b>	<b>7.2</b>	<b>8.5</b>	<b>9.8</b>	<b>10.2</b>	<b>9.9</b>	<b>10.0</b>	<b>9.8</b>	<b>9.2</b>	<b>8.5</b>	<b>7.6</b>	<b>7.2</b>	<b>7.6</b>	<b>7.9</b>
<b>Western Europe and North America</b> .....	<b>6.7</b>	<b>6.5</b>	<b>7.2</b>	<b>8.2</b>	<b>8.7</b>	<b>8.6</b>	<b>8.1</b>	<b>8.1</b>	<b>7.8</b>	<b>7.2</b>	<b>6.7</b>	<b>6.1</b>	<b>6.2</b>	<b>6.9</b>	<b>7.1</b>

*Source:* OECD, *Main Economic Indicators* and *Quarterly Labour Force Statistics* (Paris), latest issues; Eurostat, NewCronos Database; national statistics.

*Note:* All aggregates exclude Israel. Comparisons with previous years are limited by changes in methodology in Austria (1993), Cyprus (2000), Iceland (1991), Israel (1995), Malta (2000), Norway (1989), and Switzerland (1991).

<sup>a</sup> Eurostat-OECD definition except for Iceland and Switzerland (1989-1990), Austria (1989-1992), Israel (1989-1995), Cyprus and Malta (1989-1999).

<sup>b</sup> West Germany, 1989-1991.

<sup>c</sup> Definitions comply with ILO guidelines but do not follow the Eurostat-OECD standards.

APPENDIX TABLE A.11

**Consumer prices in Europe, North America and Japan, 1989-2003**  
(Percentage change over the preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France .....	3.5	3.2	3.2	2.4	2.1	1.7	1.8	2.0	1.2	0.6	0.5	1.7	1.6	1.9	2.1
Germany <sup>a</sup> .....	2.8	2.7	4.1	5.1	4.4	2.7	1.7	1.4	1.9	0.9	0.6	1.5	2.0	1.4	1.0
Italy .....	6.3	6.4	6.3	5.3	4.6	4.1	5.2	4.0	2.0	2.0	1.7	2.5	2.8	2.5	2.7
Austria .....	2.6	3.3	3.3	4.0	3.6	2.9	2.2	1.9	1.3	0.9	0.6	2.3	2.7	1.8	1.4
Belgium .....	3.1	3.4	3.2	2.4	2.8	2.4	1.5	2.1	1.6	1.0	1.1	2.5	2.5	1.6	1.6
Finland .....	6.6	6.2	4.3	2.9	2.2	1.1	0.8	0.6	1.2	1.4	1.2	3.0	2.6	1.6	0.9
Greece .....	13.7	20.4	19.5	15.9	14.4	10.9	8.9	8.2	5.5	4.8	2.6	3.1	3.4	3.6	3.6
Ireland .....	4.1	3.3	3.2	3.1	1.4	2.3	2.5	1.7	1.6	2.4	1.6	5.6	4.9	4.7	3.5
Luxembourg .....	3.4	3.3	3.1	3.2	3.6	2.2	1.9	1.3	1.4	1.0	1.0	3.1	2.7	2.1	2.1
Netherlands .....	1.1	2.5	3.2	3.2	2.6	2.8	1.9	2.0	2.2	2.0	2.2	2.4	4.2	3.3	2.1
Portugal .....	12.6	13.4	10.5	9.4	6.7	5.4	4.2	3.1	2.3	2.8	2.3	2.9	4.3	3.6	3.3
Spain .....	6.8	6.7	5.9	5.9	4.6	4.7	4.7	3.6	2.0	1.8	2.3	3.4	3.6	3.1	3.0
<b>Euro area</b> .....	4.3	4.5	4.8	4.6	4.0	3.2	3.0	2.6	1.9	1.4	1.2	2.2	2.6	2.2	2.1
United Kingdom .....	7.8	9.5	5.9	3.7	1.6	2.5	3.4	2.5	3.1	3.4	1.6	2.9	1.8	1.6	2.9
Denmark .....	4.8	2.6	2.4	2.1	1.3	2.0	2.1	2.1	2.2	1.8	2.5	2.9	2.3	2.4	2.1
Sweden .....	6.6	10.4	9.7	2.6	4.7	2.4	2.9	0.8	0.9	0.4	0.3	1.3	2.6	2.4	2.1
<b>EU-15</b> .....	4.9	5.4	5.0	4.4	3.5	3.0	3.0	2.5	2.1	1.7	1.3	2.3	2.4	2.1	2.2
Cyprus .....	3.8	4.5	5.0	6.5	4.9	4.7	2.6	2.9	3.6	2.2	1.7	4.3	2.0	2.8	4.1
Czech Republic .....	..	9.9	56.7	11.1	20.8	10.0	9.1	8.8	8.5	10.7	2.1	3.9	4.7	1.8	0.2
Estonia .....	..	18.0	202.0	1 076.0	89.8	47.7	29.0	23.1	11.2	8.2	3.3	4.0	5.8	3.6	1.1
Hungary .....	..	28.9	35.0	23.0	22.5	18.8	28.2	23.6	18.3	14.3	10.0	9.8	9.2	5.3	4.9
Latvia .....	..	10.9	172.2	951.2	109.2	35.9	25.0	17.6	8.4	4.7	2.4	2.6	2.5	1.9	3.0
Lithuania .....	..	9.1	216.4	1 020.8	410.2	72.2	39.6	24.6	8.9	5.1	0.8	1.0	1.3	0.3	-1.2
Malta .....	0.9	3.0	2.5	1.6	4.1	4.1	4.0	2.0	3.3	2.2	2.1	2.4	2.9	2.2	0.7
Poland .....	..	585.8	70.3	43.0	35.3	32.2	27.8	19.9	14.9	11.8	7.3	10.1	5.5	1.8	0.7
Slovakia .....	..	10.4	61.2	10.0	23.2	13.4	9.9	5.8	6.1	6.7	10.6	12.0	7.1	3.3	8.5
Slovenia .....	..	551.6	115.0	207.3	32.9	21.0	13.5	9.9	8.4	7.9	6.1	8.9	8.4	7.5	5.7
<b>New EU members-10</b> .....	..	..	..	..	31.9	23.8	21.2	16.3	12.5	10.6	6.4	8.4	5.8	2.7	2.0
<b>EU-25</b> .....	..	..	..	..	4.5	3.9	3.9	3.3	2.7	2.4	1.7	2.8	2.7	2.1	2.2
Iceland .....	20.8	15.5	6.8	4.0	4.0	1.6	1.6	2.3	1.8	1.7	3.2	5.1	6.4	5.2	2.1
Israel .....	20.2	17.2	19.0	12.0	11.0	12.3	10.1	11.3	9.0	5.4	5.2	1.1	1.1	5.7	0.7
Norway .....	4.5	4.1	3.4	2.4	2.3	1.4	2.4	1.2	2.6	2.3	2.3	3.1	3.0	1.3	2.5
Switzerland .....	3.1	5.4	5.9	4.0	3.3	0.9	1.8	0.8	0.5	-	0.8	1.6	1.0	0.6	0.6
<b>WECEE</b> .....	..	..	..	..	4.4	3.8	3.9	3.2	2.7	2.3	1.6	2.8	2.7	2.1	2.2
Canada .....	5.0	4.8	5.6	1.5	1.9	0.2	2.2	1.6	1.6	1.0	1.7	2.7	2.5	2.3	2.8
United States .....	4.8	5.4	4.2	3.0	2.9	2.6	2.8	2.9	2.3	1.6	2.1	3.4	2.8	1.7	2.2
<b>North America</b> .....	4.8	5.4	4.3	2.9	2.9	2.4	2.7	2.8	2.3	1.6	2.1	3.4	2.8	1.7	2.2
Japan .....	2.3	3.1	3.2	1.7	1.3	0.7	-0.1	0.1	1.7	0.7	-0.3	-0.7	-0.7	-0.9	-0.3
<b>Europe, North America and Japan</b> .....	..	..	..	..	3.2	2.7	2.8	2.6	2.4	1.8	1.6	2.6	2.3	1.6	1.9
<i>Memorandum items:</i>															
<b>EU-8</b> .....	..	66.6	60.2	32.9	32.6	24.0	21.8	16.6	12.7	10.8	6.5	8.5	5.9	2.7	2.0
<b>Western Europe</b> .....	4.9	5.4	5.0	4.3	3.5	2.9	3.0	2.4	2.0	1.7	1.3	2.3	2.4	2.1	2.2
<b>Western Europe and North America</b> .....	4.8	5.4	4.6	3.5	3.1	2.7	2.9	2.7	2.2	1.6	1.7	2.9	2.6	1.9	2.2

Source: National statistics.

Note: All aggregates exclude Israel. Consumer price indexes for regional aggregates have been calculated as weighted averages of constituent country indices. Weights were derived from 2000 private final consumption expenditure converted from national currency units into dollars using 2000 purchasing power parities.

<sup>a</sup> West Germany, 1989-1991.

## APPENDIX TABLE B.1

**Real GDP in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2003 over 1989 <sup>a</sup>
<b>South-east Europe<sup>b</sup></b> .....	-0.1	-6.5	-3.1	2.1	-1.7	7.4	5.2	3.4	1.7	-3.6	5.9	-2.6	6.5	5.1	20.1
Albania .....	-10.0	-28.0	-7.2	9.6	8.3	13.3	9.1	-10.2	12.7	10.1	7.3	7.2	3.4	6.0	24.0
Bosnia and Herzegovina .....	..	..	..	..	..	..	54.2	36.6	16.6	9.5	5.4	4.5	3.7	3.2	217.2 <sup>c</sup>
Bulgaria .....	-9.1	-8.4	-7.3	-1.5	1.8	2.9	-9.4	-5.6	4.0	2.3	5.4	4.1	4.9	4.3	-13.0
Croatia .....	-7.1	-21.1	-11.7	-8.0	5.9	6.8	5.9	6.8	2.5	-0.9	2.9	4.4	5.2	4.3	-8.8
Romania .....	-5.6	-12.9	-8.8	1.5	3.9	7.1	3.9	-6.1	-4.8	-1.2	2.1	5.7	5.0	4.9	-7.4
Serbia and Montenegro <sup>d</sup> .....	-7.9	-11.6	-27.9	-30.8	2.5	6.1	5.9	7.4	2.5	-17.7	6.4	5.5	3.8	1.5	-49.9
The former Yugoslav															
Republic of Macedonia .....	-10.2	-6.2	-6.6	-7.5	-1.8	-1.1	1.2	1.4	3.4	4.3	4.5	-4.5	0.9	3.4	-18.4
Turkey .....	9.3	0.9	6.0	8.0	-5.5	7.2	7.0	7.5	3.1	-4.7	7.4	-7.5	7.9	5.8	64.0
<b>CIS</b> .....	-3.1	-6.1	-14.0	-9.8	-14.4	-5.7	-3.5	1.4	-3.2	5.1	8.9	6.1	5.2	7.7	-25.8
Armenia .....	-5.5	-11.7	-41.8	-8.8	5.4	6.9	5.9	3.3	7.3	3.3	5.9	9.6	15.1	13.9	-7.9
Azerbaijan .....	-11.7	-0.7	-22.6	-23.1	-19.7	-11.8	1.3	5.8	10.0	7.4	11.1	9.9	10.6	11.2	-29.8
Belarus .....	-1.9	-1.4	-9.6	-7.6	-11.7	-10.4	2.8	11.4	8.4	3.4	5.8	4.7	5.0	6.8	2.0
Georgia .....	-15.1	-21.1	-44.9	-29.3	-10.4	2.6	11.2	10.5	3.1	2.9	1.8	4.8	5.5	11.1	-60.9
Kazakhstan .....	-1.0	-11.0	-5.3	-9.2	-12.6	-8.2	0.5	1.7	-1.9	2.7	9.8	13.5	9.8	9.3	-6.3
Kyrgyzstan .....	4.8	-7.9	-13.8	-15.5	-20.1	-5.4	7.1	9.9	2.1	3.7	5.4	5.3	0.0	6.7	-21.6
Republic of Moldova <sup>e</sup> .....	-2.4	-17.5	-29.0	-1.2	-30.9	-1.4	-5.9	1.6	-6.5	-3.4	2.1	6.1	7.8	6.3	-58.7
Russian Federation .....	-3.0	-5.0	-14.5	-8.7	-12.7	-4.1	-3.6	1.4	-5.3	6.4	10.0	5.1	4.7	7.3	-23.0
Tajikistan .....	0.2	-8.5	-32.3	-16.3	-21.3	-12.4	-16.7	1.7	5.3	3.7	8.3	10.2	9.5	10.2	-52.3
Turkmenistan .....	1.8	-4.7	-15.0	1.5	-17.3	-7.2	6.7	-11.4	7.1	16.5	6.1	4.1	1.8	6.8	-9.1
Ukraine .....	-3.6	-8.7	-9.9	-14.2	-22.9	-12.2	-10.0	-3.0	-1.9	-0.2	5.9	9.2	5.2	9.4	-47.6
Uzbekistan .....	-0.8	-0.5	-11.1	-2.3	-5.2	-0.9	1.7	5.2	4.4	4.4	4.0	4.5	4.2	4.4	11.0
<b>Total above<sup>b</sup></b> .....	-2.5	-6.2	-11.7	-7.0	-11.1	-2.0	-0.8	2.1	-1.5	2.1	7.9	3.3	5.6	6.9	-16.2
<i>Memorandum items:</i>															
<b>South-east Europe without</b>															
Turkey <sup>b</sup> .....	-7.1	-13.1	-12.5	-5.4	3.5	7.6	2.9	-2.1	-0.3	-1.9	3.7	5.0	4.6	4.2	-12.9
<b>CIS without Russian Federation</b> .....	-3.4	-8.1	-12.9	-11.8	-17.7	-9.1	-3.3	1.5	1.5	2.6	6.4	8.3	6.2	8.5	-30.9
<b>Low-income CIS</b> .....	-5.7	-8.3	-24.6	-12.2	-12.9	-3.0	1.6	5.7	4.3	4.0	5.2	6.2	6.3	7.7	-28.0
<b>Caucasian CIS</b> .....	-12.3	-11.4	-34.3	-23.1	-12.7	-3.7	5.5	6.9	7.0	4.9	6.9	8.2	9.9	11.7	-40.7
<b>Central Asian CIS</b> .....	-0.2	-7.4	-10.6	-7.2	-12.1	-6.0	1.2	1.8	1.5	4.8	7.2	8.9	6.6	7.5	-7.1
<b>European CIS</b> .....	-3.3	-7.9	-10.6	-12.6	-21.1	-11.5	-7.2	0.6	0.6	0.8	5.7	7.8	5.3	8.6	-40.0
<b>EU-8</b> .....	-6.3	-9.7	-2.9	0.2	3.5	5.5	4.7	4.7	3.6	3.1	4.1	2.4	2.4	4.0	19.6

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Regional aggregates: *low-income CIS* – Armenia, Azerbaijan, Georgia, Kyrgyzstan, Republic of Moldova, Tajikistan, Uzbekistan; *Caucasian CIS* – Armenia, Azerbaijan, Georgia; *central Asian CIS* – Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan; *European CIS* – Belarus, Republic of Moldova, Ukraine; *EU-8* – Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovakia, Slovenia. Aggregation is performed using weights based on purchasing power parities.

<sup>a</sup> Cumulative change for the period.

<sup>b</sup> Excluding Bosnia and Herzegovina for 1990-1995.

<sup>c</sup> 1995=100.

<sup>d</sup> Excluding Kosovo and Metohia since 1999.

<sup>e</sup> Excluding Transnistria since 1993.

APPENDIX TABLE B.2

**Real total consumption expenditure in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe<sup>a</sup></b> .. .. .	..	..	-0.8	5.2	-2.4	6.2	6.1	3.5	1.4	-1.1	5.0	-4.3	2.7	..
Bulgaria .. .. .	0.6	-7.7	-3.1	-3.6	-4.5	-1.9	-8.2	-9.6	4.0	8.8	5.7	4.4	3.6	6.6
Croatia .. .. .	..	..	-12.8	-2.2	7.9	15.9	-0.1	10.0	0.2	-1.1	2.3	1.2	4.9	3.0
Romania .. .. .	8.9	-11.8	-5.6	1.2	3.8	10.8	7.0	-4.3	1.1	-2.5	1.5	6.3	2.4	6.9
The former Yugoslav														
Republic of Macedonia .. .. .	..	-6.1	-10.3	6.5	6.9	-1.7	2.4	2.0	3.4	3.7	8.0	-3.5	6.3	..
Turkey .. .. .	12.6	2.8	3.3	8.6	-5.4	5.0	8.5	8.0	1.3	-1.7	6.3	-9.1	2.5	5.6
<b>CIS<sup>b</sup></b> .. .. .	..	..	..	..	-6.4	-4.3	-3.1	2.4	-0.8	-0.8	5.1	7.7	7.2	8.4
Armenia .. .. .	..	-2.6	-12.8	-21.8	3.8	8.0	3.2	6.3	4.6	1.4	7.7	7.1	8.2	9.0
Azerbaijan .. .. .	..	..	..	-22.6	-19.7	-2.8	8.1	10.5	11.4	9.6	8.6	8.6	9.2	11.7
Belarus .. .. .	..	-6.5	-10.0	-6.3	-11.2	-9.4	3.7	10.0	11.8	8.4	7.4	13.7	8.1	5.3
Kazakhstan .. .. .	..	-3.2	-0.7	-11.7	-20.2	-18.8	-6.7	1.0	-2.8	1.4	3.1	9.6	9.1	19.8
Kyrgyzstan .. .. .	..	-16.5	-12.8	-11.6	-19.6	-16.1	6.3	-8.1	15.1	0.9	-2.9	1.4	3.7	8.5
Republic of Moldova .. .. .	..	..	..	..	-17.4	9.4	10.4	11.8	-2.0	-15.8	17.2	4.4	9.7	13.4
Russian Federation .. .. .	..	-6.1	-5.2	-1.0	-3.1	-2.7	-2.6	2.8	-2.1	-1.2	5.6	6.8	7.3	6.6
Ukraine .. .. .	..	-5.3	-6.3	-18.7	-9.7	-3.6	-8.4	-1.8	-0.1	-3.7	2.0	9.3	5.0	12.8
<i>Memorandum items:</i>														
<b>South-east Europe without</b>														
<b>Turkey<sup>a</sup></b> .. .. .	..	..	-6.4	-	2.4	7.8	2.7	-3.2	1.6	-	2.7	4.7	3.1	..
<b>CIS without Russian Federation<sup>b</sup></b> .. .. .	..	..	..	..	-13.0	-7.8	-4.2	1.7	2.5	0.3	4.0	9.7	6.8	12.5
<b>European CIS</b> .. .. .	..	..	..	..	-10.2	-4.6	-5.0	1.5	2.8	-0.9	4.1	10.4	6.0	10.6
<b>EU-8</b> .. .. .	..	..	..	..	..	..	5.4	4.2	3.4	3.6	2.6	3.0	4.0	3.8

Source: UNECE Common Database; national statistics; CIS Statistical Committee.

<sup>a</sup> Excluding Albania, Bosnia and Herzegovina, and Serbia and Montenegro.

<sup>b</sup> Excluding Georgia, Tajikistan, Turkmenistan and Uzbekistan.

APPENDIX TABLE B.3

**Real gross domestic fixed capital formation in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe<sup>a</sup></b> .. .. .	..	..	5.0	18.4	-7.8	9.2	10.7	10.5	-2.8	-11.6	13.2	-18.7	3.0	10.5
Bulgaria .. .. .	..	-20.0	-7.3	-17.5	1.1	16.1	-21.2	-20.9	35.2	20.8	15.4	23.3	8.5	13.8
Croatia .. .. .	..	..	-11.5	6.8	-1.0	15.6	37.6	26.4	2.5	-3.9	-3.8	7.1	12.0	16.8
Romania .. .. .	-35.6	-31.6	11.0	8.3	20.7	6.9	5.7	1.7	-5.7	-4.8	5.5	10.1	8.2	9.2
The former Yugoslav														
Republic of Macedonia .. .. .	..	-4.2	-16.6	-7.9	-8.6	10.2	6.5	-4.3	-2.6	-1.4	-3.2	-8.6	17.6	10.0
Turkey .. .. .	15.9	0.4	6.4	26.4	-16.0	9.1	14.1	14.8	-3.9	-15.7	16.9	-31.5	-1.1	10.0
<b>CIS<sup>b</sup></b> .. .. .	..	..	..	..	-25.6	-14.7	-19.7	-4.7	-7.4	5.0	14.2	10.2	5.7	14.2
Armenia .. .. .	..	-33.0	-87.2	-7.8	45.0	-17.3	10.3	2.1	12.0	0.6	16.2	5.3	33.1	33.7
Azerbaijan .. .. .	..	..	..	-39.0	89.0	-18.0	111.4	67.0	23.0	-2.0	2.6	20.6	84.0	61.5
Belarus .. .. .	..	4.2	-18.7	-7.6	-13.7	-29.6	-3.1	21.7	10.1	-4.0	2.3	-2.3	6.7	17.7
Kazakhstan .. .. .	..	-25.8	-16.6	-28.5	-11.4	-37.9	-23.9	3.3	-7.2	0.5	16.1	25.3	10.2	8.9
Kyrgyzstan .. .. .	..	-10.6	-29.3	-21.8	-28.9	60.7	-13.0	-29.6	-1.6	28.1	26.9	-1.9	-7.4	-1.4
Republic of Moldova .. .. .	..	..	..	..	-43.5	-10.0	25.6	-5.3	9.2	-23.1	-8.7	17.3	5.7	13.3
Russian Federation .. .. .	..	-15.5	-41.5	-25.8	-26.0	-7.5	-21.9	-9.6	-12.4	8.1	16.6	10.9	3.5	12.2
Ukraine .. .. .	..	-20.9	-14.9	-30.5	-41.0	-30.8	-22.7	2.1	2.6	0.1	12.4	6.2	3.4	15.8
<i>Memorandum items:</i>														
<b>South-east Europe without</b>														
<b>Turkey<sup>a</sup></b> .. .. .	..	..	2.4	2.3	13.8	9.3	4.4	1.9	-0.1	-0.9	5.1	11.1	9.2	11.3
<b>CIS without Russian Federation<sup>b</sup></b> .. .. .	..	..	..	..	-24.9	-29.9	-14.5	8.5	4.5	-1.0	9.8	8.5	10.9	18.4
<b>European CIS</b> .. .. .	..	..	..	..	-34.3	-30.0	-17.2	6.6	5.2	-2.1	8.2	3.5	4.5	16.3
<b>EU-8</b> .. .. .	..	..	..	..	..	..	14.6	11.9	10.7	0.9	2.9	-	0.6	2.5

Source: UNECE Common Database; national statistics; CIS Statistical Committee.

<sup>a</sup> Excluding Albania, Bosnia and Herzegovina, and Serbia and Montenegro.

<sup>b</sup> Excluding Georgia, Tajikistan, Turkmenistan and Uzbekistan.

## APPENDIX TABLE B.4

**Real gross industrial output in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2003 over 1989 <sup>a</sup>
<b>South-east Europe</b> .....	-9.3	-14.1	-14.9	-4.2	-2.3	7.5	5.9	3.3	-2.7	-5.3	6.1	-3.1	7.5	6.3	-20.9
Albania <sup>b</sup> .....	-13.3	-41.9	-30.1	-10.0	-18.6	-7.2	-24.4	2.8	21.8	15.2	12.0	-20.0	11.0	8.0	-72.0
Bosnia and Herzegovina <sup>c</sup> .....	1.8	-24.5	-66.8	-92.2	-12.6	59.1	87.6	35.7	23.8	10.6	8.8	12.2	9.2	4.8	-86.5
Bulgaria .....	-16.8	-20.2	-18.4	-9.8	10.6	4.5	5.1	-18.4	-8.5	-8.0	8.3	1.6	6.5	8.3	-48.3
Croatia .....	-11.3	-28.5	-14.6	-5.9	-2.7	0.3	3.1	6.8	3.7	-1.4	1.7	6.0	5.4	4.1	-33.8
Romania .....	-23.7	-23.0	-25.3	0.7	3.1	9.4	6.3	-7.2	-13.8	-2.4	7.1	8.4	6.0	3.2	-47.4
Serbia and Montenegro .....	-12.0	-17.6	-21.4	-37.3	1.3	3.8	7.5	9.5	3.6	-23.1	11.2	-	1.7	-2.7	-61.2
The former Yugoslav															
Republic of Macedonia .....	-10.6	-17.2	-15.8	-13.9	-10.5	-10.7	3.2	1.6	4.5	-2.6	3.5	-3.1	-5.3	4.7	-54.5
Turkey .....	10.0	3.1	5.2	5.9	-6.3	8.5	5.9	10.7	0.9	-5.0	5.4	-8.8	9.2	8.5	64.4
<b>CIS</b> .....	-0.4	-7.0	-17.0	-13.1	-22.2	-5.7	-3.2	2.2	-3.2	9.1	12.0	6.8	4.7	8.4	-30.6
Armenia .....	-7.5	-7.7	-48.2	-10.7	5.3	1.5	1.4	1.0	-2.1	5.3	6.4	5.3	14.6	14.9	-34.3
Azerbaijan .....	-6.3	-8.9	-30.4	-19.7	-24.7	-21.4	-6.7	0.3	2.2	3.6	6.9	5.1	3.6	6.1	-65.4
Belarus .....	2.1	-1.0	-9.2	-9.4	-14.6	-11.7	3.5	18.8	12.4	10.3	7.8	5.9	4.5	7.1	22.1
Georgia .....	-5.7	-22.6	-45.8	-36.7	-39.1	-13.5	6.8	8.2	-1.5	4.8	6.1	-1.1	4.9	10.6	-80.8
Kazakhstan .....	-0.8	-0.9	-13.8	-14.8	-28.1	-8.2	0.3	4.0	-2.4	2.7	15.5	13.8	10.5	8.8	-21.3
Kyrgyzstan .....	-0.6	-0.3	-25.8	-23.5	-36.9	-24.7	3.9	39.7	5.3	-4.3	6.0	5.4	-10.9	17.0	-54.5
Republic of Moldova <sup>d</sup> .....	3.2	-11.1	-27.1	0.3	-27.7	-3.9	-6.5	-	-15.0	-11.6	7.7	13.7	10.6	13.6	-49.6
Russian Federation .....	-0.1	-8.0	-18.0	-14.1	-20.9	-3.3	-4.0	2.0	-5.2	11.0	11.9	4.9	3.7	7.0	-33.5
Tajikistan .....	1.2	-3.6	-24.3	-7.8	-25.4	-13.6	-23.9	-2.0	8.2	5.6	9.9	14.8	8.2	10.2	-43.7
Turkmenistan .....	3.2	4.8	-14.9	4.0	-24.7	-6.4	20.0	-22.0	2.0	15.0	26.0	9.0	5.0	8.0	15.4
Ukraine .....	-0.1	-4.8	-6.4	-8.0	-27.3	-12.0	-5.1	-0.3	-1.0	4.0	13.2	14.2	7.0	15.8	-18.2
Uzbekistan .....	1.8	1.5	-6.7	3.6	1.6	0.1	2.6	4.1	3.6	5.7	5.9	7.6	8.5	6.2	56.0
<b>Total above</b> .....	-2.6	-8.6	-16.6	-11.2	-17.5	-2.0	-0.4	2.6	-3.1	4.3	10.2	3.9	5.5	7.8	-28.2
<i>Memorandum items:</i>															
<b>South-east Europe without</b>															
Turkey .....	-16.8	-22.9	-28.6	-14.4	2.5	6.4	6.0	-5.2	-7.5	-5.7	7.2	5.3	5.3	3.5	-53.8
<b>CIS without Russian Federation</b> ....	-1.0	-4.6	-14.9	-11.0	-25.0	-11.0	-1.3	2.8	1.2	4.9	12.1	11.0	6.9	11.4	-23.8
<b>Low-income CIS</b> .....	-3.9	-9.6	-30.7	-16.7	-21.6	-12.4	-2.7	5.7	1.5	2.7	6.6	6.3	5.1	9.1	-52.0
<b>Caucasian CIS</b> .....	-6.2	-13.4	-36.9	-23.4	-24.9	-16.9	-2.9	2.0	0.7	4.1	6.6	3.9	5.7	8.6	-67.6
<b>Central Asian CIS</b> .....	-	-0.1	-15.0	-11.2	-24.9	-8.0	2.6	1.3	0.1	4.4	14.5	11.5	8.0	8.7	-15.3
<b>European CIS</b> .....	0.4	-4.3	-7.5	-8.1	-25.1	-11.7	-3.4	3.9	2.0	5.4	11.6	11.9	6.4	13.5	-12.2
<b>EU-8</b> .....	-11.3	-14.1	-9.1	-3.1	5.5	7.8	4.9	7.9	4.4	1.4	7.0	4.7	3.0	7.1	12.9

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Aggregation was performed using PPP-based value added weights.

<sup>a</sup> Cumulative change for the period.

<sup>b</sup> Public sector only.

<sup>c</sup> Excluding Republika Srpska.

<sup>d</sup> Excluding Transnistria since 1993.



APPENDIX TABLE B.5

**Total employment in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2003 over 1989 <sup>a</sup>
<b>South-east Europe<sup>b</sup></b> .....	-0.6	-0.3	-3.5	-4.7	3.4	-	0.6	-1.1	0.6	-	-1.0	-1.4	-1.6	-0.5	-8.5
Albania .....	-0.8	-1.7	-22.0	-4.4	11.0	-0.3	-3.6	-0.7	-2.0	-1.8	0.3	-13.8	-	0.7	-35.7
Bosnia and Herzegovina <sup>c</sup> .....	..	..	-62.0	-55.4	-7.5	10.8	123.0	52.7	5.9	3.1	0.7	-0.9	-3.2	-1.7	-38.6
Bulgaria .....	-6.1	-13.0	-8.1	-1.6	0.6	1.3	0.1	-3.9	-0.2	-2.1	-3.5	-0.4	0.4	1.4	-30.8
Croatia .....	-2.9	-8.2	-11.2	-3.4	-2.3	-1.2	-0.1	-0.7	-1.0	-1.1	-1.7	0.5	0.8	2.5	-26.7
Romania <sup>d</sup> .....	-1.0	-0.5	-3.0	-4.7	-1.5	-6.3	-2.3	-	-3.1	-1.8	-1.3	-1.9	-4.2	-0.1	-27.7
Serbia and Montenegro .....	-3.0	-3.0	-3.4	-2.8	-2.1	-1.6	-0.4	6.0	-0.1	-8.2	-2.6	0.2	-1.6	-1.3	-21.9
The former Yugoslav															
Republic of Macedonia .....	-1.8	-7.7	-4.8	-5.6	-6.0	-9.9	-4.7	-6.0	-2.9	1.8	-1.3	-4.5	-6.0	-4.4	-48.2
Turkey .....	1.7	3.9	0.9	-4.8	7.9	3.7	2.1	-2.5	2.8	2.1	-0.4	-1.0	-0.8	-1.0	15.0
<b>CIS</b> .....	0.2	-1.4	-2.3	-2.5	-3.0	-1.3	-0.8	-1.4	-1.2	-0.4	0.1	0.8	1.1	0.3	-11.2
Armenia <sup>e</sup> .....	1.6	1.7	-6.5	-3.1	-4.6	-1.7	-3.9	-5.7	-3.8	-4.3	-2.9	-2.3	-	0.1	-30.4
Azerbaijan .....	0.9	0.8	-0.3	-0.2	-2.2	-0.5	2.0	0.2	0.2	-	-	0.3	0.3	0.6	2.1
Belarus .....	-0.9	-2.5	-2.6	-1.3	-2.6	-6.2	-1.0	0.1	1.1	0.6	-	-0.5	-0.8	-0.9	-16.5
Georgia .....	2.3	-8.9	-21.2	-9.6	-2.4	-1.2	2.7	0.2	-6.3	0.1	6.2	2.1	-2.1	-1.3	-35.3
Kazakhstan .....	1.3	-1.1	-1.9	-8.5	-5.0	-0.5	-0.5	-0.7	-5.3	-0.4	1.6	8.0	0.2	4.1	-9.4
Kyrgyzstan .....	0.5	-1.0	6.0	-8.5	-2.1	-0.2	0.6	2.3	0.9	3.5	0.2	1.1	1.2	0.9	4.9
Republic of Moldova <sup>f</sup> .....	-0.9	-0.1	-1.0	-0.8	-0.4	-0.5	-0.8	-0.8	-0.2	-9.0	1.3	-1.1	0.4	-9.9	-35.1
Russian Federation .....	-0.4	-2.0	-2.4	-1.7	-3.3	-3.0	-0.7	-1.9	-1.4	0.2	0.6	0.6	1.0	-0.2	-13.7
Tajikistan .....	3.2	1.7	-3.2	-2.8	-	-0.1	-6.6	3.5	0.3	-3.3	0.5	4.8	1.5	1.5	0.3
Turkmenistan .....	3.4	3.5	3.3	3.2	3.9	3.4	1.8	2.0	1.3	0.7	3.0	2.0	2.5	2.2	42.8
Ukraine .....	-	-1.7	-2.0	-2.3	-3.8	3.0	-2.1	-2.7	-1.1	-2.3	-2.5	-1.2	1.7	0.3	-15.6
Uzbekistan .....	4.2	4.0	0.2	-0.1	1.4	0.8	1.3	1.4	1.4	1.0	1.1	1.7	2.1	2.8	25.8
<b>Total above<sup>b</sup></b> .....	-	-1.2	-2.6	-3.0	-1.5	-1.0	-0.4	-1.3	-0.7	-0.3	-0.1	0.2	0.4	0.1	-10.6
<i>Memorandum items:</i>															
<b>South-east Europe without</b>															
<b>Turkey<sup>b</sup></b> .....	-2.3	-3.8	-7.3	-4.5	-0.8	-3.8	-0.9	0.5	-1.8	-2.5	-1.7	-1.9	-2.6	0.1	-26.8
<b>CIS without Russian Federation</b> .....	1.0	-0.7	-2.2	-3.4	-2.5	0.8	-0.9	-0.9	-1.0	-1.1	-0.4	1.0	1.1	0.9	-8.2
<b>Low-income CIS</b> .....	2.3	0.6	-2.9	-3.9	-0.6	-	0.3	0.7	-0.1	-0.5	1.0	1.3	1.1	0.7	-0.4
<b>Caucasian CIS</b> .....	1.5	-2.4	-8.4	-3.5	-2.8	-0.9	1.0	-1.0	-2.3	-0.7	1.1	0.3	-0.4	-	-17.3
<b>Central Asian CIS</b> .....	2.6	1.4	-0.2	-3.9	-1.0	0.5	-	1.0	-0.9	0.4	1.3	3.8	1.4	2.9	9.6
<b>European CIS</b> .....	-0.2	-1.7	-2.0	-3.1	-3.5	1.4	-1.9	-2.2	-0.7	-2.3	-1.9	-1.1	1.2	-0.4	-17.0
<b>EU-8</b> .....	-3.1	-6.3	-4.5	-3.2	-0.8	0.9	1.1	1.2	1.1	-1.9	-1.5	-0.2	-0.9	-	-16.9

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Establishment-based data for all countries except Romania and Turkey, for which labour force survey (LFS) data have been used.

**a** Cumulative change for the period.

**b** Excluding Bosnia and Herzegovina through 1991.

**c** Excluding Republika Srpska.

**d** Original LFS data are available from 1996 onwards. For earlier years the LFS data have been reprojected using the movement in the reported establishments-based data. The whole time series has then been benchmarked to the 1992 and 2002 census results.

**e** Data have been benchmarked to the 1989 and 2001 census results.

**f** Excluding Transnistria since 1993.

APPENDIX TABLE B.6

**Employment in industry in south-east Europe and the CIS, 1990-2003**  
(Percentage change over the preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2003 over 1989 <sup>a</sup>
<b>South-east Europe<sup>b</sup></b> .....	-2.8	-5.8	-8.2	-7.4	0.9	-4.5	2.1	0.6	-1.9	-7.4	2.3	-1.4	2.6	-1.7	-26.5
Albania .....	..	..	..	..	..	-14.4	-10.1	3.8	-4.9	-2.3	-28.7	20.2	-0.5	-4.0	-39.2
Bosnia and Herzegovina <sup>c</sup> .....	..	..	-61.3	-64.6	11.0	104.2	17.4	21.9	7.6	0.2	-	-4.8	-2.2	-4.5	-57.4
Bulgaria .....	-9.0	-17.9	-13.2	-8.3	-3.7	-2.2	-1.2	-4.4	-4.0	-9.2	-5.7	-1.4	0.3	0.4	-56.8
Croatia .....	2.4	-17.2	-17.1	0.2	-4.5	-11.6	-0.9	-4.0	5.9	-2.8	-2.2	-0.6	-1.0	1.3	-43.2
Romania <sup>d</sup> .....	-3.5	-5.0	-13.2	-8.7	-5.5	-6.5	0.4	-3.2	-6.1	-7.4	-7.4	-2.6	4.8	0.6	-48.5
Serbia and Montenegro .....	0.9	-8.7	-5.3	-2.5	-2.7	-3.5	-1.8	-3.3	2.6	-9.4	-4.9	-2.8	-7.8	-6.3	-43.7
The former Yugoslav															
Republic of Macedonia .....	-4.7	-8.4	-6.5	-5.1	-5.9	-13.4	-6.6	-7.8	-3.4	5.5	-4.5	7.1	-9.5	-3.8	-50.7
Turkey .....	-0.3	2.8	6.2	-6.3	11.7	-3.3	6.3	6.3	-0.2	-7.8	14.4	-0.9	4.8	-2.8	32.3
<b>CIS</b> .....	-	-1.7	-5.0	-4.2	-10.0	-7.7	-5.1	-8.0	-3.7	-1.5	-0.4	-0.3	-1.1	-1.8	-40.7
Armenia <sup>e</sup> .....	2.2	-7.8	-12.1	-11.1	-2.6	-15.6	-17.0	-11.5	-9.9	-8.3	-9.7	-7.4	-3.4	-3.0	-71.2
Azerbaijan .....	-2.9	-2.3	-6.3	-8.8	-4.6	-5.8	-19.7	-14.5	3.8	3.1	-3.7	-1.0	1.9	0.2	-47.8
Belarus .....	-1.4	-1.7	-4.9	-3.9	-4.6	-10.9	-1.2	0.2	1.4	0.8	-0.3	-1.2	-3.4	-1.0	-28.3
Georgia .....	4.2	-11.2	-28.7	-14.4	-8.6	-9.4	-1.0	-0.5	-9.3	-8.3	5.9	-5.2	-3.3	-2.7	-63.8
Kazakhstan .....	-1.5	1.4	-3.7	-13.1	-8.0	-9.4	-3.9	-11.8	-2.0	0.1	-5.5	-2.9	-0.8	3.8	-45.3
Kyrgyzstan .....	-0.1	-4.7	-6.0	-10.0	-10.5	-15.0	-10.8	-6.1	-2.2	-7.6	-10.6	-0.4	-0.8	1.4	-58.5
Republic of Moldova <sup>f</sup> .....	2.4	-7.1	-2.1	-28.9	-5.3	-14.2	-2.0	-2.1	-4.7	-12.1	4.4	-1.2	3.6	-4.1	-63.2
Russian Federation .....	0.7	-1.8	-4.8	-2.4	-10.7	-7.6	-4.6	-8.9	-5.0	1.0	1.7	1.0	-1.1	-2.7	-37.6
Tajikistan .....	2.5	-1.6	-2.6	-12.3	-4.9	-12.1	-1.1	-12.2	-3.8	-13.3	-8.6	1.2	-0.7	-5.9	-54.9
Turkmenistan .....	4.2	-3.3	0.2	9.5	-0.1	4.4	3.9	10.9	13.0	1.8	5.9	5.7	5.0	2.4	84.1
Ukraine .....	-1.9	-0.8	-4.7	-5.2	-11.0	-7.8	-7.4	-8.5	-3.1	-8.3	-5.6	-3.9	-2.2	-1.8	-52.6
Uzbekistan .....	1.5	-1.9	-2.7	1.7	-8.6	2.5	1.3	0.2	0.5	0.9	1.9	1.3	2.2	2.8	2.9
<b>Total above<sup>b</sup></b> .....	-0.6	-2.6	-5.7	-4.9	-7.8	-7.0	-3.4	-5.9	-3.2	-3.1	0.3	-0.6	-0.2	-1.8	-37.4
<i>Memorandum items:</i>															
<b>South-east Europe without</b>															
<b>Turkey<sup>b</sup></b> .....	-3.6	-9.1	-14.0	-8.0	-4.6	-5.1	-0.4	-3.0	-3.1	-7.2	-6.4	-1.8	0.7	-0.8	-46.8
<b>CIS without Russian Federation</b> .....	-1.0	-1.6	-5.1	-6.8	-9.0	-7.8	-5.8	-6.6	-1.8	-5.0	-3.6	-2.3	-1.2	-0.4	-45.1
<b>Low-income CIS</b> .....	1.3	-4.6	-7.2	-10.3	-6.9	-6.1	-5.4	-4.5	-1.8	-3.0	-0.9	-0.4	1.1	0.6	-39.2
<b>Caucasian CIS</b> .....	0.9	-6.8	-14.4	-10.9	-4.7	-10.3	-14.8	-10.1	-4.4	-3.5	-3.3	-3.9	-1.0	-1.4	-60.7
<b>Central Asian CIS</b> .....	0.2	-0.7	-3.3	-6.7	-7.8	-4.9	-1.7	-5.0	0.1	-0.7	-1.7	0.2	1.2	2.6	-25.3
<b>European CIS</b> .....	-1.7	-1.2	-4.7	-6.4	-9.9	-8.5	-6.3	-6.9	-2.3	-6.7	-4.4	-3.2	-2.3	-1.7	-49.5
<b>EU-8</b> .....	-4.9	-7.1	-9.5	-6.3	-4.1	0.4	-1.0	-0.2	-0.7	-4.8	-3.7	-1.3	-2.5	-1.2	-38.4

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Establishment-based data for all countries except Romania and Turkey, for which labour force survey (LFS) data have been used.

<sup>a</sup> Cumulative change for the period.

<sup>b</sup> Excluding Albania through 1994 and Bosnia and Herzegovina through 1991.

<sup>c</sup> Excluding Republika Srpska.

<sup>d</sup> Original LFS data are available from 1996 onwards. For earlier years the LFS data have been reprojected using the movement in the reported establishments-based data. The whole time series has then been benchmarked to the 1992 and 2002 census results.

<sup>e</sup> Data have been benchmarked to the 1989 and 2001 census results.

<sup>f</sup> Excluding Transnistria since 1993.

APPENDIX TABLE B.7

**Registered unemployment in south-east Europe and the CIS, 1990-2003**  
(Per cent of labour force, end of period)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe<sup>a</sup></b> ..	..	8.4	11.0	11.4	11.3	10.1	9.3	10.5	11.1	12.3	11.8	12.4	13.4	13.0
Albania ..	9.5	9.2	27.0	22.0	18.0	13.1	12.4	14.9	17.7	18.4	16.8	16.4	15.8	15.0
Bosnia and Herzegovina ..	..	..	..	..	..	..	..	39.0	38.7	39.0	39.4	39.9	42.7	44.0
Bulgaria ..	1.8	11.1	15.3	16.4	12.8	11.1	12.5	13.7	12.2	16.0	17.9	17.9	16.3	13.5
Croatia ..	..	14.1	17.8	16.6	17.3	17.6	15.9	17.6	18.1	20.4	22.3	22.8	21.3	18.7
Romania ..	1.3	3.0	8.2	10.4	10.9	9.5	6.6	8.8	10.3	11.5	10.5	8.8	8.4	7.2
Serbia and Montenegro <sup>b</sup> ..	..	21.0	24.6	24.0	23.9	24.7	26.1	25.6	27.2	27.4	26.6	28*	26*	28*
The former Yugoslav Republic of Macedonia ..	..	24.5	26.2	27.7	30.0	36.6	38.8	41.7	32.3	44.0	45.1	41.8	45.3	45.3
Turkey <sup>c</sup> ..	8.2	7.9	7.9	7.6	8.1	6.9	6.1	6.4	6.8	7.6	6.5	8.3	10.3	10.5
<b>CIS</b> ..	..	..	0.6	1.0	1.5	2.5	2.9	2.8	2.9	2.4	2.3	2.2	2.3	2.4
Armenia ..	..	..	3.5	6.3	6.0	8.1	9.7	11.0	8.9	11.5	10.9	9.8	9.1	9.8
Azerbaijan ..	..	..	0.2	0.7	0.9	1.1	1.1	1.3	1.4	1.2	1.2	1.3	1.3	1.4
Belarus ..	..	..	0.5	1.3	2.1	2.7	4.0	2.8	2.3	2.0	2.1	2.3	3.0	3.1
Georgia ..	..	..	0.3	2.0	3.8	3.4	3.2	8.0	4.2	5.6	6.0	5.0	4.0	2.5*
Kazakhstan ..	..	..	0.4	0.6	1.0	2.1	4.1	3.9	3.7	3.9	3.7	2.8	2.6	1.8
Kyrgyzstan ..	..	..	0.1	0.2	0.8	3.0	4.5	3.1	3.1	3.0	3.1	3.1	3.1	3.0
Republic of Moldova ..	..	..	0.7	0.7	1.0	1.4	1.5	1.7	1.9	2.1	1.8	1.7	1.5	1.2
Russian Federation ..	..	..	0.8	1.1	2.1	3.2	3.4	2.8	2.7	1.7	1.4	1.6	1.8	2.3
Tajikistan ..	..	..	0.4	1.1	1.8	1.8	2.4	2.8	2.9	3.1	3.0	2.6	2.7	2.4
Turkmenistan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine ..	..	..	0.3	0.4	0.3	0.6	1.5	2.8	4.3	4.3	4.2	3.7	3.8	3.6
Uzbekistan ..	..	..	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3
<b>Total above</b> ..	..	..	3.3	3.7	4.1	4.4	4.5	4.8	5.1	4.9	4.7	4.8	5.2	5.1
<i>Memorandum items:</i>														
<b>South-east Europe without</b>														
<b>Turkey<sup>a</sup></b> ..	..	..	14.2	15.0	14.6	13.6	12.8	15.0	15.9	17.8	17.8	17.3	17.0	15.9
<b>CIS without Russian Federation</b> ..	..	..	0.4	0.8	0.9	1.4	2.2	2.8	3.3	3.3	3.3	2.9	3.0	2.6
<b>Low-income CIS</b> ..	..	..	0.5	1.2	1.5	1.8	2.0	2.4	2.2	2.3	2.3	2.1	2.0	1.6
<b>Caucasian CIS</b> ..	..	..	1.0	2.5	3.1	3.7	3.9	5.6	4.0	4.5	4.5	4.0	3.5	3.2
<b>Central Asian CIS</b> ..	..	..	0.2	0.5	0.8	1.3	2.2	2.0	2.1	2.0	2.0	1.7	1.7	1.2
<b>European CIS</b> ..	..	..	0.4	0.6	0.6	1.0	1.9	2.7	3.9	3.9	3.8	3.4	3.6	3.4
<b>Russian Federation<sup>d</sup></b> ..	..	..	5.2	6.1	7.8	9.0	10.0	11.2	13.3	12.2	9.8	8.7	8.8	8.2

*Source:* UNECE Common Database; national statistics; CIS Statistical Committee.

<sup>a</sup> Excluding Bosnia and Herzegovina through 1996.

<sup>b</sup> Since 1999, excluding Kosovo and Metohia.

<sup>c</sup> Annual average, labour force survey data.

<sup>d</sup> Based on Rosstat's monthly estimates according to the ILO definition, i.e. including all persons not having employment but actively seeking work.

## APPENDIX TABLE B.8

**Consumer prices in south-east Europe and the CIS, 1990-2003**  
(Percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe</b> .....	..	69.2	143.4	251.9	120.3	25.3	34.1	82.5	50.3	43.1	44.6	45.0	35.0	21.0
Albania .....	..	35.5	226.0	85.0	22.5	8.0	12.7	33.1	20.3	-0.1	-	3.1	5.3	2.5
Bosnia and Herzegovina .....	594.0	116.2	83 327.6	32 662.0	581.6	-12.1	-21.2	11.8	4.9	-0.6	1.7	1.8	0.9	0.2
Bulgaria .....	23.8	338.5	79.4	56.1	87.1	62.1	121.6	1 058.4	18.7	2.6	10.3	7.4	5.8	2.3
Croatia .....	597.1	124.2	634.0	1 486.3	107.2	2.0	3.6	3.7	5.2	3.5	5.4	4.7	1.8	2.2
Romania .....	5.1	170.2	210.4	256.1	136.7	32.2	38.8	154.9	59.3	45.9	45.7	34.5	22.5	15.4
Serbia and Montenegro .....	580.0	122.0	8 926.0	2.2E+14	3.3	71.8	90.5	23.2	30.4	44.1	77.5	90.4	19.3	9.6
The former Yugoslav														
Republic of Macedonia .....	596.6	110.8	1 511.3	362.0	128.3	16.4	2.5	0.9	-1.4	-1.3	6.6	5.2	2.3	1.1
Turkey .....	60.3	66.0	70.1	66.1	105.2	92.3	82.7	85.4	84.6	65.0	55.2	54.3	44.9	25.4
<b>CIS</b> .....	5.3	148.9	2 237.2	897.1	341.5	215.2	48.6	16.8	19.3	57.6	24.3	20.9	15.0	13.3
Armenia .....	6.9	174.1	728.7	3 731.8	4 962.3	175.5	18.7	13.8	8.7	0.7	-0.8	3.2	1.0	4.7
Azerbaijan .....	6.1	106.6	912.3	1 129.1	1 663.5	411.5	19.8	3.6	-0.8	-8.6	1.8	1.5	2.8	2.1
Belarus .....	4.7	94.1	970.8	1 190.2	2 221.0	709.3	52.7	63.9	73.2	293.7	168.9	61.4	42.8	28.5
Georgia .....	4.2	78.7	1 176.9	4 084.9	22 470.0	261.4	39.4	7.1	3.5	19.3	4.2	4.6	5.7	4.9
Kazakhstan .....	5.6	114.5	1 514.8	1 658.4	1 877.4	176.3	39.2	17.5	7.3	8.4	13.4	8.5	6.0	6.6
Kyrgyzstan .....	5.5	113.9	854.6	1 208.7	278.1	43.5	32.0	23.4	10.5	35.9	18.7	6.9	2.1	3.1
Republic of Moldova .....	5.7	101.1	1 108.7	1 183.7	486.8	29.9	23.5	11.8	7.7	39.3	31.3	9.8	5.3	11.7
Russian Federation .....	5.2	160.0	2 510.0	840.0	220.0	197.4	47.8	14.7	27.8	85.7	20.8	21.6	16.0	13.6
Tajikistan .....	5.9	112.9	906.8	2 136.1	239.4	682.1	422.4	85.4	43.1	27.5	32.9	38.6	12.2	16.3
Turkmenistan .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine .....	5.4	94.0	1 527.0	4 734.9	891.2	376.7	80.2	15.9	10.6	22.7	28.2	12.0	0.8	5.2
Uzbekistan .....	5.8	97.3	414.5	1 231.8	1 550.0	76.5	54.0	58.8	17.7	29.0	24.9	..	..	..
<i>Memorandum items:</i>														
<b>South-east Europe without Turkey</b> .....	..	75.3	274.9	402.9	124.4	9.5	14.0	80.7	26.9	21.4	30.4	30.2	16.2	10.7
<b>CIS without Russian Federation</b> .....	5.7	105.6	886.7	1 644.3	1 199.3	237.7	49.5	19.2	10.3	23.2	30.7	19.8	13.1	12.6
<b>Low-income CIS</b> .....	5.7	105.3	753.7	1 245.7	1 098.5	211.3	33.5	22.4	9.6	16.7	15.0	..	..	..
<b>Caucasian CIS</b> .....	6.1	112.1	895.7	1 447.2	3 728.4	285.1	24.9	7.1	2.9	2.5	2.0	3.1	3.4	3.8
<b>Central Asian CIS</b> .....	5.6	106.9	785.6	1 361.6	1 143.5	176.4	44.2	29.1	11.6	17.3	18.6	..	..	..
<b>European CIS</b> .....	5.6	99.1	1 216.7	2 335.8	756.8	298.3	74.9	16.9	12.8	39.0	51.1	26.1	16.4	16.0
<b>EU-8</b> .....	66.6	60.2	32.9	32.6	24.0	21.8	16.6	12.7	10.8	6.5	8.5	5.9	2.7	2.0

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Based on annual data reported by national statistical offices for 1990-1994 and monthly statistics from 1995 onwards. All CIS aggregates exclude Turkmenistan. Data for regional aggregates, in some cases, are estimated from partial regional totals.

APPENDIX TABLE B.9

**Producer prices in industry <sup>a</sup> in south-east Europe and the CIS, 1990-2003**  
(Percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe <sup>b</sup></b> .. .. .	..	..	..	..	..	37.2	40.7	84.1	42.2	38.7	46.9	50.5	37.9	22.2
Albania .. .. .	..	..	..	..	..	..	..	..	..	..	4.9	-5.4	6.4	6.2
Bosnia and Herzegovina .. .. .	..	129.5	68 034.0	9 254.5	1 203.3	68.7	-4.8	3.2	3.6	4.3	0.9	2.3	0.7	2.6
Bulgaria .. .. .	14.7	296.4	56.1	28.3	75.7	50.7	132.7	971.0	16.6	3.3	17.0	3.6	1.3	4.9
Croatia .. .. .	455.3	146.3	825.2	1 512.4	77.6	0.8	1.3	3.7	-1.5	2.5	9.6	3.4	-0.5	1.9
Romania .. .. .	26.9	220.1	184.8	165.0	140.5	35.3	50.0	144.0	33.2	41.2	53.4	41.0	24.6	21.1
Serbia and Montenegro .. .. .	468.0	124.0	8 993.0	1.4E+13	7.6	75.7	88.8	20.6	25.9	43.3	105.4	84.4	10.9	5.8
The former Yugoslav Republic of Macedonia .. .. .	394.0	112.0	2 198.2	258.3	88.9	4.7	-	4.0	3.5	-	9.1	2.7	-0.6	-
Turkey <sup>c</sup> .. .. .	..	..	..	..	..	86.0	75.9	81.8	71.8	53.1	51.4	61.6	50.1	25.6
<b>CIS</b> .. .. .	3.8	229.1	3 182.5	989.4	333.0	250.5	49.0	14.6	7.7	49.7	44.0	18.8	12.1	16.2
Armenia .. .. .	2.0	120.0	947.0	892.0	4 714.0	187.8	36.3	21.7	6.0	4.1	-0.4	1.1	3.6	3.7
Azerbaijan .. .. .	..	179.5	7 453.6	1 974.0	3 779.0	1 340.1	70.6	11.4	-5.5	-1.3	9.4	-2.6	3.3	18.6
Belarus .. .. .	2.1	151.1	1 939.2	1 536.3	2 171.0	538.6	35.7	89.4	72.8	355.7	185.6	71.7	40.6	37.4
Georgia .. .. .	..	..	..	..	..	..	..	..	2.2	15.5	5.8	3.6	6.0	2.6
Kazakhstan .. .. .	..	193.0	2 465.1	1 042.8	2 920.4	139.7	23.8	15.6	0.8	19.0	38.0	0.4	0.3	9.5
Kyrgyzstan .. .. .	..	160.0	1 664.0	831.0	228.0	15.8	28.4	23.4	8.9	51.1	29.6	9.6	5.5	7.5
Republic of Moldova .. .. .	..	130.0	1 210.9	1 078.5	893.7	52.2	30.2	14.9	9.7	47.1	33.6	12.6	8.0	8.3
Russian Federation .. .. .	3.9	240.0	3 280.0	900.0	230.0	237.6	50.8	15.0	7.0	59.1	46.5	19.1	11.8	15.6
Tajikistan .. .. .	..	163.0	1 316.5	1 080.0	327.8	351.7	340.7	103.7	28.4	45.6	39.0	25.1	9.1	15.3
Turkmenistan .. .. .	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine .. .. .	..	163.4	4 128.5	9 667.5	774.0	488.9	52.1	7.8	13.2	31.1	20.8	8.6	3.1	7.8
Uzbekistan .. .. .	..	147.0	1 296.0	1 119.0	1 066.0	792.5	128.5	53.9	40.0	38.0	61.1	..	..	..
<i>Memorandum items:</i>														
<b>South-east Europe without Turkey <sup>c</sup></b> .. .. .	46.1	217.4	316.9	543.7	102.7	19.9	21.4	85.9	19.1	22.7	40.8	34.1	16.3	14.7
<b>CIS without Russian Federation</b> .. .. .	..	154.3	2 109.1	2 700.1	1 036.0	277.6	45.6	13.8	9.1	32.1	38.6	18.2	13.0	18.0
<b>Low-income CIS</b> .. .. .	..	153.3	1 613.0	916.3	762.2	296.5	66.1	21.9	6.8	17.7	25.2	..	..	..
<b>Caucasian CIS</b> .. .. .	..	117.0	2 088.7	1 547.7	3 998.5	658.7	62.9	13.3	-2.2	2.8	6.9	-0.7	4.0	12.5
<b>Central Asian CIS</b> .. .. .	..	167.6	1 904.3	927.4	1 491.1	132.6	31.3	21.1	6.8	25.1	41.3	9.1	4.3	9.6
<b>European CIS</b> .. .. .	..	113.5	3 043.5	7 999.6	781.2	456.4	51.3	9.3	14.9	45.9	44.1	26.2	17.3	21.2
<b>EU-8</b> .. .. .	52.6	55.4	24.3	22.2	15.7	18.2	11.0	10.1	6.4	3.8	7.9	3.2	0.5	1.7

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** Based on annual data reported by national statistical offices for 1990-1994 and monthly statistics from 1995 onwards. All CIS aggregates exclude Turkmenistan. Data for regional aggregates, in some cases, are estimated from partial regional totals.

<sup>a</sup> Industry = mining + manufacturing + utilities.

<sup>b</sup> Excluding Albania.

<sup>c</sup> Wholesale price index.

## APPENDIX TABLE B.10

**Nominal gross wages per employee in industry <sup>a</sup> in south-east Europe and the CIS, 1990-2003**  
(Percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>South-east Europe <sup>b</sup></b> .....	58.6	104.1	156.9	100.4	92.0	32.1	43.4	84.9	51.1	48.8	48.7	37.5	28.8	..
Albania .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	..	..	..	..	..	247.3	30.6	34.9	10.5	12.1	..	..	..
Bulgaria .....	20.8	175.5	132.8	55.1	53.9	57.7	90.4	882.9	34.5	5.8	12.4	0.2	4.1	7.2
Croatia .....	..	..	..	..	..	31.7	14.2	10.7	10.0	5.8	6.0	7.9	6.7	5.3
Romania .....	6.4	138.6	178.3	210.7	139.4	55.3	56.7	99.5	49.3	40.7	48.9	48.2	23.2	..
Serbia and Montenegro <sup>c</sup> .....	400.0	100.6	4 886.4	-62.5	229.6	74.1	74.5	41.7	39.6	24.6	115.2	110.5	..	..
The former Yugoslav														
Republic of Macedonia <sup>c</sup> .....	433.6	79.2	1 083.7	454.0	105.8	11.1	3.6	2.3	3.1	1.5	7.0	0.5	4.4	2.0
Turkey <sup>d</sup> .....	83.2	93.1	58.8	82.6	53.1	65.2	73.6	100.9	77.5	78.5	56.8	37.5	37.4	21.2
<b>CIS</b> .....	12.6	91.4	1 039.8	793.4	310.2	138.0	58.4	22.4	14.9	51.2	52.3	48.4	31.8	20.9
Armenia .....	5.9	31.8	352.3	739.1	3 640.2	210.9	62.3	41.7	20.5	15.2	19.5	22.3	12.6	31.8
Azerbaijan .....	4.4	82.9	870.4	700.8	575.7	354.8	53.0	58.2	19.8	18.1	33.3	14.6	13.6	20.2
Belarus .....	14.1	112.1	910.9	1 073.8	69.6	618.7	58.5	96.8	109.4	323.9	197.1	101.8	48.5	35.8
Georgia .....	6.0	33.9	457.3	2 117.2	23 300.5	112.6	145.4	12.7	26.8	23.2	33.8	19.6	14.2	..
Kazakhstan .....	11.0	80.5	1 053.1	993.1	1 542.5	178.2	30.9	22.5	7.8	21.6	26.1	15.3	10.4	12.6
Kyrgyzstan .....	0.5	62.1	773.1	615.1	176.3	54.8	29.1	60.3	20.0	43.2	0.9	18.1	20.7	12.1
Republic of Moldova .....	14.2	90.1	815.0	773.0	284.4	43.8	32.2	24.9	16.6	22.5	31.8	20.9	21.2	26.8
Russian Federation .....	13.0	94.9	1 065.7	798.2	260.2	131.4	64.3	21.6	14.3	52.2	48.8	46.8	27.7	29.2
Tajikistan .....	8.0	76.2	550.2	917.5	142.2	145.2	425.3	71.9	96.4	26.4	31.5	51.1	29.7	..
Turkmenistan .....	..	83.8	1 010.1	1 467.7	622.2	686.2	915.3	121.5	27.1	28.6	75.7	53.0	..	..
Ukraine .....	39.0	107.9	1 419.0	2 286.1	737.8	408.5	71.5	13.5	7.1	18.3	37.3	34.4	19.5	21.9
Uzbekistan .....	..	82.3	706.1	1 159.3	806.8	278.4	99.8	76.3	60.3	50.0	..	..	..	..
<i>Memorandum items:</i>														
<b>South-east Europe without</b>														
<b>Turkey <sup>b</sup></b> .....	19.1	117.7	383.7	118.9	113.9	23.1	32.2	78.6	34.9	23.9	37.5	39.6	15.4	..
<b>CIS without Russian</b>														
<b>Federation</b> .....	..	71.9	867.1	689.9	778.4	164.4	39.1	25.1	16.5	48.3	67.1	55.3	33.8	28.9
<b>Low-income CIS</b> .....	4.7	73.8	841.2	623.2	355.3	119.1	58.5	43.1	24.2	24.5	22.9	21.4	18.7	..
<b>Caucasian CIS</b> .....	2.8	67.7	787.6	736.7	1 587.0	229.6	73.9	40.8	22.6	19.2	29.3	18.1	15.1	24.0
<b>Central Asian CIS</b> .....	4.0	63.5	854.8	786.6	873.6	164.2	32.4	25.4	10.5	24.0	23.3	16.7	12.3	16.0
<b>European CIS</b> .....	..	82.2	836.7	491.5	305.8	83.4	39.4	48.0	56.2	206.5	174.4	95.9	46.4	35.8
<b>EU-8</b> .....	..	..	..	26.2	30.6	24.6	22.0	17.0	12.8	9.0	9.3	8.2	2.8	5.2

**Source:** UNECE Common Database; national statistics; CIS Statistical Committee.

**Note:** The aggregates are calculated from average wage per employee in dollars, converted from national currencies at PPP for 2000. Data for regional aggregates, in some cases, are estimated from partial regional totals.

**a** Industry = mining + manufacturing + utilities.

**b** Excluding Albania.

**c** 1990-1998 – estimates on the basis of net wages in industry.

**d** Average compensation per employee in industry.

APPENDIX TABLE B.11

**Merchandise exports of eastern Europe and the CIS, 1993-2003**  
(Billion dollars)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>New EU members</b> .....	55.549	64.224	86.419	89.460	96.741	108.773	108.156	121.682	134.764	152.923	197.458
Cyprus .....	0.868	0.967	1.229	1.393	1.246	1.064	1.000	0.951	0.978	0.843	0.921
Czech Republic .....	14.463	15.882	21.273	22.180	22.779	26.351	26.265	29.052	33.397	38.488	48.723
Estonia .....	0.802	1.305	1.838	2.079	2.934	3.236	2.938	3.174	3.309	3.428	4.511
Hungary .....	8.921	10.701	12.867	15.704	19.100	23.005	25.012	28.092	30.498	34.337	42.480
Latvia .....	1.401	0.988	1.304	1.443	1.673	1.812	1.723	1.865	2.001	2.279	2.877
Lithuania .....	1.994	2.031	2.705	3.355	3.860	3.711	3.004	3.809	4.583	5.519	7.212
Malta .....	1.357	1.567	5.416	1.734	1.385	1.540	1.983	2.447	1.957	2.215	2.461
Poland .....	14.202	17.240	22.887	24.440	25.756	28.229	27.407	31.651	36.085	41.010	53.577
Slovakia .....	5.458	6.714	8.585	8.822	9.640	10.775	10.277	11.908	12.704	14.478	21.960
Slovenia .....	6.083	6.828	8.316	8.310	8.369	9.050	8.546	8.732	9.252	10.326	12.737
<b>South-east Europe</b> .....	..	..	42.485	43.975	48.046	48.738	47.173	51.770	57.055	65.245	83.800
Albania .....	0.123	0.139	0.202	0.213	0.137	0.207	0.352	0.261	0.305	0.330	0.446
Bosnia and Herzegovina .....	..	..	0.024	0.058	0.193	0.352	0.750	1.069	1.027	1.001	1.355
Bulgaria .....	3.769	3.935	5.345	4.890	4.940	4.194	4.006	4.825	5.113	5.692	7.439
Croatia .....	3.709	4.260	4.633	4.512	4.171	4.541	4.302	4.432	4.666	4.904	6.164
Romania .....	4.892	6.151	7.910	8.085	8.431	8.302	8.487	10.367	11.385	13.869	17.618
Serbia and Montenegro .....	..	..	1.531	1.846	2.677	2.858	1.498	1.723	1.903	2.275	2.537
The former Yugoslav Republic of Macedonia .....	1.055	1.086	1.204	1.147	1.237	1.311	1.191	1.319	1.323	1.116	1.363
Turkey .....	15.345	18.106	21.637	23.224	26.261	26.974	26.587	27.775	31.334	36.059	46.878
<b>CIS total</b> .....	..	90.929	113.172	125.647	123.181	106.160	106.030	145.928	144.248	152.864	193.016
<i>of which: non-CIS</i> .....	52.547	61.751	79.800	88.922	86.539	76.657	83.146	116.681	113.768	122.470	154.126
Armenia .....	0.156	0.216	0.271	0.290	0.233	0.221	0.232	0.301	0.342	0.505	0.678
Non-CIS .....	0.029	0.058	0.101	0.162	0.138	0.140	0.175	0.227	0.253	0.409	0.551
Azerbaijan .....	0.725	0.653	0.637	0.631	0.781	0.606	0.929	1.745	2.314	2.168	2.592
Non-CIS .....	0.351	0.378	0.352	0.341	0.403	0.374	0.718	1.510	2.091	1.924	2.258
Belarus .....	..	2.510	4.707	5.652	7.301	7.070	5.909	7.331	7.448	8.021	9.964
Non-CIS .....	0.789	1.031	1.777	1.888	1.922	1.910	2.287	2.927	2.957	3.637	4.511
Georgia .....	..	0.156	0.154	0.199	0.240	0.193	0.238	0.330	0.320	0.348	0.482
Non-CIS .....	0.069	0.039	0.057	0.070	0.102	0.085	0.131	0.198	0.176	0.179	0.242
Kazakhstan .....	..	3.231	5.250	5.911	6.497	5.436	5.592	9.126	8.639	9.670	12.900
Non-CIS .....	1.501	1.357	2.366	2.732	3.515	3.266	4.100	6.750	5.995	7.476	9.946
Kyrgyzstan .....	0.396	0.340	0.409	0.505	0.604	0.514	0.454	0.505	0.476	0.486	0.582
Non-CIS .....	0.112	0.117	0.140	0.112	0.285	0.283	0.271	0.297	0.308	0.317	0.380
Republic of Moldova .....	0.483	0.565	0.746	0.795	0.875	0.632	0.464	0.472	0.568	0.644	0.790
Non-CIS .....	0.178	0.159	0.279	0.252	0.267	0.203	0.211	0.196	0.222	0.293	0.367
Russian Federation <sup>a</sup> .....	..	67.800	82.419	90.600	86.895	74.444	75.551	105.033	101.900	107.200	134.800
Non-CIS .....	44.297	52.100	65.400	72.000	67.800	58.700	63.600	90.800	86.600	91.000	114.000
Tajikistan .....	0.350	0.492	0.749	0.770	0.746	0.597	0.689	0.784	0.652	0.737	0.798
Non-CIS .....	0.227	0.399	0.497	0.439	0.473	0.394	0.374	0.411	0.440	0.549	0.659
Turkmenistan .....	..	2.145	1.881	1.682	0.751	0.594	1.190	2.500	2.620	2.616	3.160
Non-CIS .....	1.049	0.494	0.951	0.610	0.300	0.442	0.700	1.200	1.170	1.178	1.710
Ukraine .....	7.817	10.272	13.128	14.401	14.232	12.637	11.582	14.573	16.265	17.957	23.080
Non-CIS .....	3.223	4.653	6.168	6.996	8.646	8.435	8.329	10.075	11.589	13.580	17.032
Uzbekistan <sup>b</sup> .....	..	2.549	2.821	4.211	4.026	3.218	3.200	3.230	2.704	2.513	3.189
Non-CIS .....	0.721	0.966	1.712	3.321	2.689	2.425	2.250	2.090	1.968	1.930	2.469
<b>Total above</b> .....	..	..	242.076	259.081	267.968	263.671	261.359	319.380	336.067	371.031	474.273
<i>Memorandum items:</i>											
<b>Baltic states</b> .....	4.197	4.324	5.846	6.877	8.467	8.759	7.665	8.848	9.893	11.226	14.599
<b>Central Europe</b> .....	49.127	57.365	73.928	79.456	85.644	97.410	97.508	109.436	121.937	138.638	179.476
<b>South-east Europe without Turkey</b> ..	..	..	20.848	20.751	21.785	21.764	20.586	23.995	25.721	29.186	36.922
<b>CIS without Russian Federation</b> .....	..	23.129	30.753	35.047	36.286	31.716	30.479	40.895	42.348	45.664	58.216
<b>Caucasian CIS</b> .....	..	1.025	1.062	1.120	1.253	1.019	1.399	2.376	2.976	3.021	3.752
<b>Central Asian CIS</b> .....	..	8.757	11.110	13.079	12.625	10.358	11.125	16.145	15.091	16.022	20.629
<b>European CIS</b> .....	..	13.347	18.581	20.848	22.408	20.339	17.955	22.375	24.281	26.622	33.835

**Source:** UNECE secretariat calculations, based on national statistics and direct communications from national statistical offices.

**Note:** Changes in the method of recording trade are reflected from 1993 in data for the Czech Republic (inclusion of OPT transactions, etc.), from 1995 in Latvia (imports registered c.i.f.) and Lithuania (change from special to general system), from 1996 in Hungary (inclusion of trade flows of free trade zones), from 1997 in Slovakia (inclusion of OPT transactions, etc.) and from 2000 in Estonia (change from general to special trade system). All trade values are expressed in dollars at prevailing market exchange rates.

<sup>a</sup> Russian Federal State Statistics Service (Rosstat) data including trade flows not crossing the Russian borders such as off-board fish sales and estimates of value of goods exported or imported by individuals within an approved duty-free quota.

<sup>b</sup> National data adjusted for trade in services: from 2001 by UNECE secretariat, for previous years by the CIS Statistical Committee.

APPENDIX TABLE B.12

**Merchandise imports of eastern Europe and the CIS, 1993-2003**  
(Billion dollars)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>New EU members</b> .....	67.780	78.180	102.684	120.628	131.154	144.766	141.759	155.908	166.086	184.484	232.689
Cyprus .....	2.648	3.013	3.696	3.986	3.695	3.677	3.630	3.627	3.944	4.072	4.472
Czech Republic .....	14.617	17.427	25.265	27.919	27.563	28.789	28.126	32.183	36.472	40.736	51.306
Estonia .....	0.896	1.659	2.540	3.231	4.441	4.786	4.108	4.252	4.294	4.780	6.471
Hungary .....	12.648	14.554	15.466	18.144	21.234	25.706	28.008	32.080	33.682	37.612	47.526
Latvia .....	0.961	1.240	1.818	2.320	2.724	3.189	2.946	3.189	3.507	4.040	5.210
Lithuania .....	2.244	2.352	3.649	4.559	5.644	5.794	4.834	5.457	6.353	7.769	9.894
Malta .....	2.175	2.431	2.940	2.799	2.550	2.667	2.847	3.405	2.722	2.831	3.391
Poland .....	18.758	21.566	29.043	37.137	42.314	47.054	45.911	48.940	50.275	55.113	68.004
Slovakia .....	6.332	6.634	8.777	11.112	11.622	13.006	11.265	12.660	14.689	16.629	22.604
Slovenia .....	6.501	7.304	9.492	9.421	9.367	10.098	10.083	10.116	10.148	10.902	13.811
<b>South-east Europe</b> .....	..	..	64.693	75.780	82.654	80.759	73.813	91.923	84.846	101.580	133.904
Albania .....	0.421	0.549	0.650	0.913	0.620	0.795	0.903	1.070	1.317	1.488	1.848
Bosnia and Herzegovina .....	..	..	0.524	1.204	1.555	2.120	3.297	3.106	3.240	3.741	4.568
Bulgaria .....	5.120	4.272	5.638	5.074	4.932	4.957	5.515	6.507	7.261	7.903	10.742
Croatia .....	4.166	5.229	7.510	7.788	9.104	8.383	7.799	7.887	9.147	10.722	14.199
Romania .....	6.522	7.109	10.278	11.435	11.280	11.838	10.557	13.055	15.552	17.857	24.003
Serbia and Montenegro .....	..	..	2.665	4.113	4.826	4.830	3.296	3.711	4.837	6.320	7.510
The former Yugoslav Republic of Macedonia .....	1.199	1.484	1.719	1.627	1.779	1.915	1.776	2.085	2.094	1.995	2.300
Turkey .....	29.428	23.270	35.709	43.627	48.559	45.921	40.671	54.503	41.399	51.554	68.734
<b>CIS: total</b> .....	..	74.976	95.470	107.587	112.731	95.162	70.542	81.786	94.365	103.664	131.497
<i>of which: non-CIS</i> .....	33.696	44.899	56.861	63.607	71.815	61.760	44.571	47.881	59.443	68.985	87.449
Armenia .....	0.255	0.394	0.674	0.856	0.892	0.902	0.811	0.885	0.877	0.987	1.269
Non-CIS .....	0.087	0.188	0.340	0.578	0.593	0.672	0.624	0.711	0.659	0.685	0.960
Azerbaijan .....	0.629	0.778	0.668	0.961	0.794	1.077	1.036	1.172	1.431	1.666	2.626
Non-CIS .....	0.241	0.292	0.440	0.621	0.443	0.673	0.711	0.797	0.986	1.015	1.775
Belarus .....	..	3.066	5.564	6.939	8.689	8.549	6.674	8.574	8.178	9.092	11.505
Non-CIS .....	1.119	0.974	1.887	2.369	2.872	2.995	2.385	2.551	2.512	2.797	3.499
Georgia .....	..	0.338	0.385	0.687	0.944	0.884	0.602	0.651	0.685	0.731	1.144
Non-CIS .....	0.167	0.066	0.231	0.417	0.603	0.617	0.377	0.423	0.428	0.441	0.778
Kazakhstan .....	..	3.561	3.807	4.241	4.301	4.350	3.687	5.051	6.446	6.584	8.327
Non-CIS .....	0.494	1.384	1.154	1.295	1.969	2.290	2.089	2.295	3.137	3.541	4.407
Kyrgyzstan .....	0.448	0.317	0.522	0.838	0.709	0.842	0.600	0.554	0.467	0.587	0.717
Non-CIS .....	0.112	0.107	0.168	0.351	0.273	0.401	0.341	0.256	0.210	0.264	0.307
Republic of Moldova .....	0.628	0.659	0.841	1.072	1.172	1.024	0.587	0.776	0.893	1.039	1.403
Non-CIS .....	0.184	0.183	0.272	0.420	0.567	0.584	0.345	0.517	0.552	0.630	0.809
Russian Federation <sup>a</sup> .....	..	50.500	62.603	68.000	71.983	58.015	39.537	44.862	53.764	61.000	75.700
Non-CIS .....	26.807	36.500	44.300	47.200	53.400	43.700	29.200	31.400	40.700	48.800	60.000
Tajikistan .....	0.630	0.547	0.810	0.668	0.750	0.711	0.663	0.675	0.688	0.721	0.881
Non-CIS .....	0.374	0.314	0.332	0.285	0.268	0.265	0.148	0.115	0.150	0.173	0.282
Turkmenistan .....	..	1.468	1.364	1.011	1.183	1.008	1.500	1.780	2.349	1.857	2.242
Non-CIS .....	0.501	0.782	0.619	0.450	0.531	0.530	1.000	1.100	1.146	1.103	1.492
Ukraine .....	9.533	10.745	15.484	17.603	17.128	14.676	11.846	13.956	15.775	16.977	23.021
Non-CIS .....	2.652	2.907	5.488	6.427	7.249	6.779	5.103	5.916	6.943	8.009	11.512
Uzbekistan <sup>b</sup> .....	..	2.603	2.748	4.712	4.186	3.125	3.000	2.850	2.812	2.425	2.662
Non-CIS .....	0.958	1.202	1.630	3.195	3.047	2.256	2.250	1.800	2.021	1.527	1.628
<b>Total above</b> .....	..	..	262.847	303.996	326.538	320.686	286.114	329.618	345.297	389.728	498.090
<i>Memorandum items:</i>											
<b>Baltic states</b> .....	4.101	5.251	8.006	10.110	12.809	13.768	11.888	12.897	14.154	16.590	21.575
<b>Central Europe</b> .....	58.856	67.485	88.043	103.733	112.100	124.653	123.393	135.979	145.266	160.991	203.251
<b>South-east Europe without Turkey</b> .....	..	..	28.984	32.154	34.095	34.838	33.142	37.420	43.447	50.026	65.170
<b>CIS without Russian Federation</b> .....	..	24.476	32.867	39.587	40.748	37.147	31.005	36.924	40.601	42.664	55.797
<b>Caucasian CIS</b> .....	..	1.510	1.727	2.503	2.630	2.864	2.449	2.708	2.994	3.384	5.040
<b>Central Asian CIS</b> .....	..	8.496	9.251	11.470	11.129	10.034	9.449	10.910	12.762	12.172	14.829
<b>European CIS</b> .....	..	14.470	21.889	25.614	26.989	24.249	19.107	23.307	24.846	27.108	35.928

**Source:** UNECE secretariat calculations, based on national statistics and direct communications from national statistical offices.

**Note:** See appendix table B.11.

<sup>a</sup> Rosstat data including trade flows not crossing the Russian borders such as off-board fish sales and estimates of value of goods exported or imported by individuals within an approved duty-free quota.

<sup>b</sup> National data adjusted for trade in services: from 2001 by UNECE secretariat, for previous years by the CIS Statistical Committee.



APPENDIX TABLE B.13

**Balance of merchandise trade of eastern Europe and the CIS, 1993-2003**  
(Billion dollars)

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>New EU members</b> .....	-12.231	-13.955	-16.266	-31.168	-34.413	-35.993	-33.603	-34.226	-31.322	-31.561	-35.232
Cyprus .....	-1.780	-2.045	-2.467	-2.593	-2.450	-2.613	-2.630	-2.676	-2.967	-3.229	-3.551
Czech Republic .....	-0.154	-1.545	-3.992	-5.739	-4.784	-2.438	-1.861	-3.131	-3.075	-2.248	-2.583
Estonia .....	-0.094	-0.353	-0.702	-1.152	-1.507	-1.550	-1.170	-1.078	-0.985	-1.352	-1.960
Hungary .....	-3.727	-3.853	-2.599	-2.440	-2.134	-2.701	-2.996	-3.988	-3.184	-3.275	-5.047
Latvia .....	0.440	-0.252	-0.515	-0.877	-1.051	-1.377	-1.223	-1.323	-1.506	-1.761	-2.333
Lithuania .....	-0.250	-0.322	-0.944	-1.204	-1.784	-2.083	-1.831	-1.647	-1.770	-2.250	-2.682
Malta .....	-0.818	-0.863	2.476	-1.066	-1.165	-1.128	-0.864	-0.958	-0.765	-0.615	-0.930
Poland .....	-4.555	-4.326	-6.156	-12.697	-16.558	-18.825	-18.504	-17.289	-14.190	-14.103	-14.427
Slovakia .....	-0.874	0.080	-0.192	-2.290	-1.983	-2.231	-0.988	-0.752	-1.985	-2.151	-0.644
Slovenia .....	-0.418	-0.476	-1.176	-1.111	-0.998	-1.048	-1.537	-1.384	-0.895	-0.576	-1.074
<b>South-east Europe</b> .....	..	..	-22.208	-31.806	-34.609	-32.021	-26.640	-40.153	-27.791	-36.335	-50.104
Albania .....	-0.298	-0.410	-0.448	-0.701	-0.483	-0.589	-0.551	-0.809	-1.012	-1.158	-1.402
Bosnia and Herzegovina .....	..	..	-0.500	-1.146	-1.362	-1.768	-2.547	-2.038	-2.213	-2.740	-3.213
Bulgaria .....	-1.352	-0.336	-0.294	-0.184	0.008	-0.763	-1.509	-1.683	-2.148	-2.211	-3.304
Croatia .....	-0.457	-0.969	-2.877	-3.276	-4.933	-3.842	-3.496	-3.455	-4.481	-5.818	-8.035
Romania .....	-1.630	-0.958	-2.368	-3.351	-2.849	-3.536	-2.070	-2.688	-4.167	-3.988	-6.385
Serbia and Montenegro .....	..	..	-1.134	-2.267	-2.149	-1.972	-1.798	-1.988	-2.934	-4.045	-4.973
The former Yugoslav Republic of Macedonia .....	-0.144	-0.398	-0.515	-0.480	-0.542	-0.604	-0.585	-0.766	-0.771	-0.880	-0.937
Turkey .....	-14.083	-5.164	-14.072	-20.403	-22.298	-18.947	-14.084	-26.728	-10.065	-15.495	-21.856
<b>CIS: total</b> .....	..	15.953	17.702	18.059	10.450	10.999	35.488	64.142	49.882	49.200	61.519
<i>of which: non-CIS</i> .....	18.851	16.852	22.939	25.315	14.725	14.897	38.575	68.800	54.325	53.485	66.677
Armenia .....	-0.099	-0.178	-0.403	-0.566	-0.660	-0.682	-0.580	-0.584	-0.536	-0.482	-0.591
Non-CIS .....	-0.058	-0.130	-0.239	-0.416	-0.455	-0.532	-0.449	-0.484	-0.406	-0.277	-0.408
Azerbaijan .....	0.096	-0.125	-0.031	-0.330	-0.013	-0.471	-0.107	0.573	0.883	0.502	-0.034
Non-CIS .....	0.110	0.086	-0.088	-0.280	-0.040	-0.299	0.007	0.713	1.106	0.909	0.483
Belarus .....	..	-0.556	-0.857	-1.287	-1.388	-1.480	-0.765	-1.244	-0.730	-1.071	-1.541
Non-CIS .....	-0.330	0.057	-0.110	-0.481	-0.950	-1.085	-0.098	0.376	0.445	0.839	1.012
Georgia .....	..	-0.182	-0.231	-0.488	-0.704	-0.692	-0.364	-0.321	-0.365	-0.384	-0.662
Non-CIS .....	-0.098	-0.027	-0.174	-0.347	-0.501	-0.532	-0.246	-0.226	-0.252	-0.263	-0.537
Kazakhstan .....	..	-0.330	1.443	1.670	2.196	1.086	1.906	4.075	2.193	3.086	4.574
Non-CIS .....	1.007	-0.027	1.212	1.437	1.547	0.976	2.011	4.456	2.858	3.935	5.539
Kyrgyzstan .....	-0.052	0.023	-0.113	-0.333	-0.105	-0.328	-0.146	-0.050	0.009	-0.101	-0.135
Non-CIS .....	0.000	0.010	-0.028	-0.239	0.012	-0.118	-0.070	0.041	0.097	0.053	0.074
Republic of Moldova .....	-0.145	-0.094	-0.095	-0.277	-0.297	-0.392	-0.123	-0.305	-0.325	-0.395	-0.612
Non-CIS .....	-0.006	-0.024	0.007	-0.168	-0.300	-0.381	-0.134	-0.321	-0.331	-0.336	-0.443
Russian Federation <sup>a</sup> .....	..	17.300	19.816	22.600	14.912	16.429	36.014	60.171	48.136	46.200	59.100
Non-CIS .....	17.490	15.600	21.100	24.800	14.400	15.000	34.400	59.400	45.900	42.200	54.000
Tajikistan .....	-0.280	-0.055	-0.061	0.102	-0.004	-0.114	0.026	0.109	-0.036	0.017	-0.083
Non-CIS .....	-0.147	0.085	0.165	0.154	0.205	0.129	0.225	0.295	0.290	0.376	0.377
Turkmenistan .....	..	0.677	0.517	0.670	-0.432	-0.414	-0.310	0.720	0.271	0.759	0.918
Non-CIS .....	0.548	-0.288	0.332	0.160	-0.231	-0.088	-0.300	0.100	0.024	0.075	0.218
Ukraine .....	-1.716	-0.473	-2.356	-3.202	-2.896	-2.038	-2.265	0.617	0.490	0.980	0.059
Non-CIS .....	0.571	1.746	0.680	0.569	1.397	1.657	3.227	4.159	4.646	5.571	5.519
Uzbekistan <sup>b</sup> .....	..	-0.054	0.073	-0.501	-0.159	0.093	0.200	0.380	-0.108	0.089	0.527
Non-CIS .....	-0.237	-0.236	0.082	0.126	-0.358	0.169	-	0.290	-0.053	0.403	0.842
<b>Total above</b> .....	..	..	-20.771	-44.914	-58.571	-57.015	-24.755	-10.238	-9.230	-18.696	-23.817
<i>Memorandum items:</i>											
<b>Baltic states</b> .....	0.096	-0.927	-2.160	-3.232	-4.343	-5.009	-4.224	-4.049	-4.261	-5.363	-6.976
<b>Central Europe</b> .....	-9.729	-10.120	-14.115	-24.277	-26.456	-27.243	-25.885	-26.543	-23.329	-22.354	-23.775
<b>South-east Europe without Turkey</b> .....	..	..	-8.136	-11.403	-12.311	-13.074	-12.556	-13.426	-17.726	-20.840	-28.248
<b>CIS without Russian Federation</b> .....	..	-1.347	-2.114	-4.541	-4.462	-5.430	-0.526	3.971	1.746	3.000	2.419
<b>Caucasian CIS</b> .....	..	-0.485	-0.665	-1.383	-1.377	-1.845	-1.050	-0.332	-0.017	-0.364	-1.287
<b>Central Asian CIS</b> .....	..	0.261	1.859	1.608	1.496	0.324	1.675	5.235	2.329	3.849	5.800
<b>European CIS</b> .....	..	-1.123	-3.308	-4.766	-4.581	-3.909	-1.152	-0.932	-0.565	-0.486	-2.094

**Source:** UNECE secretariat calculations, based on national statistics and direct communications from national statistical offices.

**Note:** See appendix table B.11.

<sup>a</sup> Rosstat data including trade flows not crossing the Russian borders such as off-board fish sales and estimates of value of goods exported or imported by individuals within an approved duty-free quota.

<sup>b</sup> National data adjusted for trade in services: from 2001 by UNECE secretariat, for previous years by the CIS Statistical Committee.

## APPENDIX TABLE B.14

**Merchandise trade of eastern Europe and the Russian Federation, by direction, 1980, 1990, 1992-2003**  
(Shares in total trade, per cent)

	1980	1990	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Eastern Europe, to and from:</b>														
<i>Exports</i>														
World .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe and the CIS .....	48.5	38.1	23.0	30.7	28.5	28.6	28.5	28.6	24.7	20.8	20.7	21.4	21.2	21.6
CIS .....	27.1	22.3	12.4	11.4	10.0	9.8	10.0	10.6	7.4	4.2	4.1	4.7	4.5	4.4
Eastern Europe .....	21.4	15.8	10.7	19.3	18.5	18.7	18.5	18.0	17.3	16.6	16.6	16.7	16.7	17.2
Developed market economies .....	35.7	49.5	63.0	57.5	61.9	62.6	63.5	63.6	68.3	73.4	73.1	72.9	72.7	72.8
Developing economies .....	15.8	12.4	14.0	11.8	9.6	8.8	8.0	7.8	7.0	5.8	6.2	5.7	6.1	5.6
<i>Imports</i>														
World .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe and the CIS .....	42.0	26.6	24.7	29.9	26.2	25.8	24.7	23.1	20.0	20.6	23.6	23.2	22.5	22.8
CIS .....	26.8	18.3	17.9	16.5	14.0	13.0	12.0	11.0	8.6	8.5	11.4	10.8	9.9	9.7
Eastern Europe .....	18.8	14.3	6.8	13.4	12.2	12.9	12.7	12.1	11.4	12.1	12.2	12.4	12.6	13.1
Developed market economies .....	38.7	53.3	64.4	61.2	65.2	65.6	66.2	66.7	70.2	69.7	66.7	66.2	65.3	64.4
Developing economies .....	19.3	20.1	10.9	8.9	8.6	8.5	9.1	10.2	9.8	9.7	9.7	10.6	12.2	12.8
<b>Former Soviet Union/Russian Federation, to and from:</b>														
<i>Exports</i>														
World .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe .....	34.5	21.8	22.3	18.1	15.1	16.8	18.2	19.5	18.1	17.8	20.0	19.3	17.5	17.0
Developed market economies .....	42.2	49.5	57.9	59.7	66.6	60.6	58.1	58.6	60.0	57.8	55.6	55.0	55.6	53.3
Developing economies .....	23.3	28.7	19.8	22.2	18.3	22.6	23.7	21.9	21.9	24.4	24.4	25.7	26.9	29.7
<i>Imports</i>														
World .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe .....	31.5	24.7	15.9	10.6	14.1	15.5	12.6	13.7	12.0	9.6	10.9	10.1	10.3	10.9
Developed market economies .....	46.4	52.9	62.4	60.6	70.3	69.5	67.8	68.3	68.2	68.3	69.3	67.8	65.7	64.8
Developing economies .....	22.1	22.4	21.7	28.8	15.6	15.0	19.6	18.0	19.8	22.1	19.8	22.1	24.0	24.3

**Source:** UNECE Common Database, derived from national statistics.

**Note:** Data for 1980-1990 refer to the east European CMEA countries (Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland and Romania) and to the former Soviet Union. Trade data in national currencies were revalued at consistent rouble/dollar cross-rates (see the note to appendix table B.11). As from 1991, the second panel reflects non-CIS trade of the Russian Federation only. In the first panel, reporting group "eastern Europe" covers Bulgaria, former Czechoslovakia, Hungary, Poland and Romania in 1992; in 1993-1995 it covers Albania, Bulgaria, Croatia, the Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia and The Former Yugoslav Republic of Macedonia while Bosnia and Herzegovina and Serbia and Montenegro are included only from 1996.

## APPENDIX TABLE B.15

**Exchange rates of eastern Europe and the CIS, 1990, 1993-2004**  
(Annual averages, national currency units per dollar)

	Unit <sup>a</sup>	1990	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Albania .....	lek	8.90	102.06	94.62	92.70	104.50	148.93	150.63	137.69	143.71	143.48	139.93	121.87	102.77
Bosnia and Herzegovina .....	con. marka <sup>b</sup>	..	..	..	1.43	1.50	1.73	1.76	1.84	2.12	2.19	2.08	1.73	1.58
Bulgaria .....	leva <sup>c</sup>	2.36	27.85	54.13	67.08	177.88	1 681.87	1 760.37	1.84	2.12	2.18	2.08	1.73	1.58
Croatia .....	kuna <sup>d</sup>	11.00	3 577.42	6.03	5.23	5.43	6.10	6.36	7.11	8.28	8.34	7.87	6.70	6.05
Czech Republic .....	koruna	18.56	29.15	28.79	26.54	27.14	31.70	32.28	34.57	38.60	38.04	32.74	28.21	25.70
Estonia .....	kroon <sup>e</sup>	..	13.22	12.99	11.46	12.03	13.88	14.07	14.69	16.98	17.49	16.63	13.86	12.60
Hungary .....	forint	63.21	91.93	105.16	125.68	152.65	186.79	214.40	237.15	282.18	286.49	257.89	225.14	202.75
Latvia .....	lats <sup>f</sup>	..	0.67	0.56	0.53	0.55	0.58	0.59	0.59	0.61	0.63	0.62	0.57	0.54
Lithuania .....	litas <sup>g</sup>	..	4.34	3.98	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.68	3.06	2.78
Poland .....	zloty <sup>h</sup>	9 500	18 136	22 723	2.42	2.70	3.28	3.49	3.96	4.35	4.09	4.08	3.89	3.66
Romania .....	leu	22.43	760.05	1 655	2 033	3 084	7 168	8 876	15 333	21 709	29 061	33 055	33 200	32 637
Serbia and Montenegro .....	dinar <sup>i</sup>	10.65	..	1.55	4.74	4.96	5.70	11.07	22.84	54.74	67.67	64.19	57.41	58.69
Slovakia .....	koruna	18.56	30.77	32.05	29.72	30.66	33.62	35.23	41.36	46.04	48.35	45.33	36.77	32.26
Slovenia .....	tolar	11.32	113.24	128.81	118.52	135.37	159.69	166.13	181.77	222.66	242.75	240.25	207.11	192.83
The former Yugoslav Republic of Macedonia .....	denar <sup>j</sup>	11.32	23.26	43.26	37.88	39.98	50.00	54.46	56.90	65.90	68.04	64.82	54.32	49.43
Armenia .....	dram	..	9.11	288.65	405.91	414.04	490.77	504.92	535.06	539.53	555.08	573.35	578.76	534.82
Azerbaijan .....	manat	..	102.33	1 739	4 414	4 301	3 985	3 869	4 120	4 474	4 657	4 861	4 911	4 914
Belarus .....	rouble <sup>k</sup>	..	3 160	4 652	11 538	13 472	26 729	58 971	274 512	882	1 390	1 785	2 054	2 160
Georgia .....	lari <sup>l</sup>	..	..	1.66	1.29	1.26	1.30	1.39	2.03	1.98	2.07	2.20	2.14	1.92
Kazakhstan .....	tenge	..	..	35.54	60.95	67.30	75.44	78.30	119.52	142.13	146.74	153.30	149.71	136.10
Kyrgyzstan .....	som	..	..	10.86	10.82	12.81	17.36	20.84	39.01	47.70	48.38	46.94	43.61	42.67
Republic of Moldova .....	leu	..	1.58	4.08	4.50	4.60	4.62	5.37	10.52	12.43	12.87	13.57	13.95	12.33
Russian Federation .....	rouble <sup>m</sup>	0.59	993.00	2 204	4 559	5 121	5 785	9.71	24.62	28.13	29.17	31.35	30.69	28.87
Tajikistan .....	samoni <sup>n</sup>	..	..	..	107.59	293.82	560.64	778.30	1 225.96	1.83	2.39	2.76	3.06	2.97
Turkmenistan .....	manat	..	..	14.08	116.67	3 595	4 143	4 592	5 200	5 200	5 200	5 200	5 202	5 220
Ukraine .....	hryvnia <sup>o</sup>	..	4 796	3 170	14 728	1.83	1.86	2.45	4.13	5.44	5.37	5.33	5.33	5.32
Uzbekistan .....	sum <sup>p</sup>	..	..	10.69	30.12	40.66	66.02	94.79	124.64	236.58	423.08	771.42	971.35	1 019.94

**Source:** UNECE Common Database, derived from national, IMF and CIS statistics. Annual averages are unweighted arithmetic averages of monthly values. Change or redenomination of currency is indicated by a vertical bar.

- <sup>a</sup> Currency unit of the last period shown. For prior periods, see footnotes.
- <sup>b</sup> BAM (convertible marka), the official rate is pegged to the euro. Prior to January 1999, the official rate was pegged to the deutsche mark at a 1:1 rate.
- <sup>c</sup> The leva was redenominated at 1:1,000 from 5 July 1999.
- <sup>d</sup> The kuna replaced the Croat dinar on 3 May 1994 at 1:1,000; the 1994 average is shown in kuna terms.
- <sup>e</sup> The kroon replaced the Soviet rouble in June 1992 with a peg to the deutsche mark (8:1); the average shown for 1992 refers to June-December.
- <sup>f</sup> The lats replaced an earlier Latvian rouble at 1:200 on 18 October 1993; the 1993 average is shown in lats terms.
- <sup>g</sup> The litas replaced the earlier talonas at 1:100 on 1 June 1993; the 1993 average is shown in litas terms.
- <sup>h</sup> The zloty was redenominated at 1:10,000 from 1 January 1995.
- <sup>i</sup> The dinar was further redenominated on 1 July 1992 (1:10), 1 October 1993 (1:1 million), 1 January 1994 (1:1 billion) and 24 January 1994 (1:13 million). Average annual exchange rates not available for 1993. Estimated market exchange rates for 1998-2000.
- <sup>j</sup> The denar (which had replaced the Yugoslav dinar 1:1 on 26 April 1992) was redenominated 1:100 on 1 May 1993; the 1993 average is shown in terms of that unit.
- <sup>k</sup> The Belarus rouble was redenominated 1:10 on 10 August 1994; the 1994 average here assumes this applied to the entire year. The Belarus rouble was further redenominated at 1:1,000 since January 2000. Annual averages were calculated from end-of-period monthly rates, and the period average since January 1999.
- <sup>l</sup> The lari replaced the lari-kupon on 25 September 1995; the annual average for 1994 is shown in million lari-kupon, and the average for 1995 in lari.
- <sup>m</sup> 1980-1991: Soviet rouble/dollar rate used in the conversion of foreign trade data for statistical purposes. The rouble was redenominated at 1:1,000 from 1 January 1998.
- <sup>n</sup> A new currency, the samoni, was put into circulation on 30 October 2000 replacing the Tajik rouble at 1:1,000. The average for 2000 is shown in samoni terms.
- <sup>o</sup> The hryvnia replaced the former karbovanets on 2 September 1996 at 1:100,000; the average for 1996 is shown in hryvnia terms.
- <sup>p</sup> The sum replaced the sum-kupon in June 1994 (1:1,000).

APPENDIX TABLE B.16

**Current account balances of eastern Europe and the CIS, 1990-2003**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Eastern Europe</b> .....	..	..	..	..	-3 027	-7 377	-18 284	-21 499	-22 312	-26 984	-23 462	-21 376	-26 096	-33 012
Albania .....	-118	-168	-51	19	31	37	-62	-254	-65	-133	-163	-218	-421	-407
Bosnia and Herzegovina .....	..	..	..	..	-177	-193	-748	-1 060	-813	-1 122	-1 033	-1 202	-1 693	-2 038
Bulgaria .....	-1 710	-77	-360	-1 098	-32	-198	164	1 046	-61	-652	-704	-984	-827	-1 676
Croatia <sup>a</sup> .....	-621	-589	329	637	711	-1 407	-956	-2 512	-1 453	-1 397	-461	-725	-1 918	-2 085
Czech Republic .....	-122	1 708	-456	456	-787	-1 369	-4 121	-3 564	-1 255	-1 462	-2 718	-3 273	-4 166	-5 570
Estonia .....	..	..	36	22	-167	-158	-398	-563	-478	-247	-294	-339	-716	-1 199
Hungary <sup>b</sup> .....	123	267	325	-3 455	-3 911	-1 638	-1 764	-2 076	-3 390	-3 773	-4 034	-3 237	-4 745	-7 446
Latvia .....	..	..	191	417	201	-16	-279	-345	-650	-654	-355	-626	-621	-917
Lithuania .....	..	..	321	-86	-94	-614	-723	-981	-1 298	-1 194	-675	-574	-734	-1 218
Poland <sup>c</sup> .....	3 067	-2 146	-3 104	-5 788	954	854	-3 264	-5 744	-6 901	-12 487	-9 980	-5 372	-5 007	-4 603
Romania .....	-3 337	-1 012	-1 564	-1 174	-428	-1 774	-2 571	-2 104	-2 917	-1 437	-1 374	-2 228	-1 535	-3 254
Serbia and Montenegro <sup>d</sup> .....	..	..	..	..	-400	-1 037	-1 317	-1 279	-660	-716	-350	-648	-1 731	-1 928
Slovakia .....	-767	-786	173	-532	759	511	-1 960	-1 827	-1 982	-980	-702	-1 746	-1 939	-280
Slovenia <sup>a</sup> .....	518	129	926	192	575	-75	56	51	-118	-698	-548	37	314	-114
The former Yugoslav Republic of Macedonia <sup>a</sup> .....	-409	-259	-19	-83	-263	-299	-340	-286	-270	-32	-72	-244	-358	-279
<b>CIS</b> <sup>e</sup> .....	..	..	-538	10 266	4 696	3 741	4 934	-6 448	-7 229	23 460	48 177	32 931	30 377	36 989
Armenia .....	..	..	-50	-67	-104	-218	-291	-307	-403	-307	-278	-200	-148	-191
Azerbaijan .....	..	153	488	-160	-121	-401	-931	-916	-1 365	-600	-168	-52	-768	-2 021
Belarus .....	..	..	131	-435	-444	-458	-516	-859	-1 017	-194	-338	-394	-311	-527
Georgia .....	..	..	-248	-354	-277	-363	-570	-514	-276	-200	-269	-211	-231	-398
Kazakhstan .....	..	-1 300	-1 900	-641	-905	-213	-751	-799	-1 236	-236	563	-1 203	-843	-39
Kyrgyzstan .....	..	..	-61	-88	-84	-235	-425	-138	-364	-184	-78	-17	-25	-24
Republic of Moldova .....	..	..	-152	-155	-82	-95	-192	-275	-335	-68	-116	-68	-52	-142
Russian Federation <sup>f</sup> .....	-6 300	2 500	1 142	12 792	7 844	6 963	10 847	-80	219	24 616	46 839	33 935	29 116	35 845
Tajikistan .....	..	..	-53	-208	-170	-89	-75	-61	-120	-36	-62	-74	-15	-5
Turkmenistan .....	-308	447	926	776	84	24	2	-580	-935	..	..	..	..	..
Ukraine .....	..	..	-526	-765	-1 163	-1 152	-1 185	-1 335	-1 296	1 658	1 481	1 402	3 173	2 891
Uzbekistan .....	..	..	-236	-429	118	-21	-980	-584	-103	-126	216	-113	..	..
<b>Total above</b> <sup>e</sup> .....	..	..	..	..	1 669	-3 636	-13 350	-27 946	-29 540	-3 524	24 715	11 555	4 281	3 977
<i>Memorandum items:</i>														
<b>Central Europe</b> .....	2 820	-828	-2 137	-9 127	-2 410	-1 717	-11 053	-13 160	-13 646	-19 400	-17 981	-13 590	-15 543	-18 013
<b>South-east Europe without Turkey</b> .....	..	..	..	..	-557	-4 871	-5 830	-6 449	-6 239	-5 489	-4 157	-6 248	-8 482	-11 666
<b>Baltic states</b> .....	..	..	548	353	-59	-788	-1 400	-1 890	-2 426	-2 095	-1 324	-1 538	-2 072	-3 333
<b>EU-8</b> .....	..	..	-1 589	-8 774	-2 469	-2 506	-12 454	-15 050	-16 072	-21 495	-19 305	-15 128	-17 614	-21 346
<b>CIS without Russian Federation</b> <sup>e</sup> ..	..	..	-1 680	-2 526	-3 148	-3 222	-5 913	-6 368	-7 448	-1 156	1 338	-1 005	1 262	1 145
<b>European CIS</b> .....	..	..	-547	-1 355	-1 689	-1 705	-1 893	-2 469	-2 647	1 396	1 027	939	2 810	2 222
<b>Caucasian CIS</b> .....	..	..	190	-581	-502	-983	-1 791	-1 736	-2 043	-1 106	-715	-464	-1 147	-2 609
<b>Central Asian CIS</b> <sup>e</sup> .....	..	..	-1 324	-590	-957	-534	-2 229	-2 162	-2 757	-1 446	1 025	-1 481	-402	1 532
<b>Caucasian and central Asian CIS</b> <sup>e</sup> ..	..	..	-1 133	-1 170	-1 459	-1 517	-4 020	-3 899	-4 800	-2 552	311	-1 944	-1 549	-1 077
<b>Low-income CIS</b> <sup>e</sup> .....	..	..	-312	-1 461	-720	-1 422	-3 463	-2 794	-2 965	-1 520	-754	-736	-1 017	-1 980

Source: National balance of payments statistics; IMF, *Balance of Payments Statistics* (Washington, D.C.) and IMF country studies; UNECE secretariat estimates.

<sup>a</sup> Excludes transactions with the republics of the former SFR of Yugoslavia: Croatia (1990-1992), Slovenia (1990-1991) and The former Yugoslav Republic of Macedonia (1990-1992).

<sup>b</sup> Methodological changes (mainly regarding treatment of reinvested earnings) were introduced in 2003 and 2004; 1995-2003 results have been revised accordingly. For 1990-1994, balance of payments data in convertible currencies only.

<sup>c</sup> National Bank of Poland started publishing balance of payments results on a transaction basis in 2004; the data have been revised accordingly back to 1990. Balance of payments data published in previous issues of this *Survey* until 2004 No. 1 were reported on a cash basis.

<sup>d</sup> Excludes Kosovo from 1999; 2003 data for Serbia only.

<sup>e</sup> Totals include estimates for Turkmenistan and Uzbekistan.

<sup>f</sup> 1990-1992 exclude transactions with the Baltic and CIS countries.

APPENDIX TABLE B.17

**Inflows of foreign direct investment <sup>a</sup> in eastern Europe and the CIS, 1990-2003**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Eastern Europe</b> .....	..	..	..	..	..	..	11 413	15 142	20 043	22 231	23 987	22 835	26 692	18 600
Albania <sup>b</sup> .....	-	-	20	68	53	70	90	48	45	41	143	207	135	178
Bosnia and Herzegovina <sup>b</sup> .....	..	..	..	..	-	-	-	-	67	177	146	119	268	382
Bulgaria <sup>b</sup> .....	4	56	41	40	105	90	109	505	537	819	1 002	813	905	1 419
Croatia .....	-	-	16	120	117	114	511	533	932	1 467	1 089	1 559	1 124	1 998
Czech Republic <sup>c</sup> .....	132	513	1 004	654	869	2 562	1 428	1 300	3 718	6 324	4 986	5 641	8 483	2 583
Estonia .....	..	..	82	162	215	202	151	267	581	305	387	542	284	891
Hungary <sup>d</sup> .....	311	1 459	1 471	2 339	1 146	4 741	3 291	4 166	3 344	3 311	2 777	3 949	3 021	2 340
Latvia .....	..	..	29	45	214	180	382	521	357	347	413	132	254	300
Lithuania .....	..	..	8	30	31	73	152	355	926	486	379	446	732	179
Poland .....	89	291	678	1 715	1 875	3 659	4 498	4 908	6 365	7 270	9 343	5 714	4 131	4 124
Romania .....	-	40	77	94	341	419	263	1 215	2 031	1 041	1 037	1 157	1 146	1 840
Serbia and Montenegro <sup>b,e</sup> .....	..	..	..	..	..	..	-	740	113	112	50	165	475	1 360
Slovakia .....	18	82	100	195	269	308	353	220	684	390	1 925	1 579	4 012	571
Slovenia .....	4	65	111	113	117	151	174	334	216	107	136	370	1 645	339
The former Yugoslav Republic of Macedonia <sup>b</sup> .....	-	-	-	-	24	9	11	30	128	33	175	442	78	95
<b>CIS <sup>f</sup></b> .....	..	..	1 777	1 876	1 770	4 064	5 313	9 035	6 780	6 749	5 439	7 290	8 982	15 712
Armenia <sup>b</sup> .....	..	..	-	1	8	25	18	52	221	122	104	70	111	121
Azerbaijan <sup>b</sup> .....	..	..	-	60	22	330	627	1 125	1 023	510	130	227	1 392	3 285
Belarus <sup>b</sup> .....	..	..	7	18	11	15	105	352	203	444	119	96	247	172
Georgia <sup>b</sup> .....	..	..	-	-	8	6	40	243	265	82	131	110	165	338
Kazakhstan <sup>b</sup> .....	..	..	100	228	635	964	1 137	1 321	1 152	1 472	1 283	2 835	2 590	2 088
Kyrgyzstan <sup>b</sup> .....	..	..	-	10	38	96	47	83	109	44	-2	5	5	46
Republic of Moldova <sup>b</sup> .....	..	25	17	14	12	67	24	79	76	38	136	146	117	58
Russian Federation .....	-	100	1 454	1 211	690	2 065	2 579	4 865	2 761	3 309	2 714	2 748	3 461	7 958
Tajikistan <sup>b</sup> .....	..	..	9	9	12	20	18	18	25	21	24	9	36	32
Turkmenistan <sup>b</sup> .....	-	-	11	79	103	233	108	108	62	..	..	..	..	..
Ukraine <sup>b</sup> .....	..	..	170	198	159	267	521	623	743	496	595	792	693	1 424
Uzbekistan <sup>b</sup> .....	..	..	9	48	73	-24	90	167	140	121	75	83	..	..
<b>Total above <sup>f</sup></b> .....	..	..	..	..	..	..	16 726	24 176	26 823	28 979	29 426	30 125	35 674	34 311
<i>Memorandum items:</i>														
<b>Central Europe</b> .....	555	2 410	3 364	5 015	4 275	11 420	9 744	10 929	14 327	17 402	19 167	17 254	21 292	9 957
<b>South-east Europe without Turkey</b> .....	..	..	..	..	..	..	984	3 070	3 853	3 690	3 642	4 461	4 130	7 272
<b>Baltic states</b> .....	..	..	119	238	460	454	685	1 142	1 863	1 139	1 178	1 120	1 270	1 370
<b>EU-8</b> .....	..	..	3 483	5 253	4 736	11 874	10 429	12 071	16 190	18 541	20 346	18 374	22 562	11 327
<b>CIS without Russian Federation <sup>f</sup></b> .....	..	..	323	665	1 080	1 999	2 734	4 170	4 019	3 439	2 725	4 542	5 521	7 754
<b>European CIS</b> .....	..	..	194	229	181	349	649	1 053	1 022	978	850	1 034	1 057	1 654
<b>Caucasian CIS</b> .....	..	..	-	61	38	361	685	1 419	1 509	715	365	406	1 669	3 744
<b>Central Asian CIS <sup>f</sup></b> .....	..	..	129	374	861	1 289	1 400	1 697	1 488	1 747	1 510	3 102	2 796	2 356
<b>Caucasian and central Asian CIS <sup>f</sup></b> .....	..	..	129	435	899	1 651	2 085	3 116	2 997	2 461	1 875	3 508	4 464	6 099
<b>Low-income CIS <sup>f</sup></b> .....	..	..	35	142	173	520	863	1 766	1 859	939	598	649	1 891	3 990

**Source:** National balance of payments statistics; IMF, *Balance of Payments Statistics* (Washington, D.C.) and IMF country studies; UNECE secretariat estimates.

<sup>a</sup> Inflows into the reporting country.

<sup>b</sup> Net of residents' investments abroad. Bulgaria, 1990-1994; The former Yugoslav Republic of Macedonia, 1994-1996; Armenia, 1993-2002; Azerbaijan, 1993-1999; Belarus, 1992-1996; Georgia, 1994-1998; Kazakhstan, 1992-1996; Kyrgyzstan, 1993-1997; Republic of Moldova, 1991-1994; Ukraine, 1992-1993.

<sup>c</sup> Excludes re-invested earnings and inter-company loans 1990-1997.

<sup>d</sup> Excludes re-invested earnings 1990-1994.

<sup>e</sup> Excludes Kosovo from 1999; 2003 data for Serbia only.

<sup>f</sup> Totals include estimates for Turkmenistan and Uzbekistan.