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# PART FOUR

## 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 the main economic indicators over a longer period. The data are presented in two sections, following the structure of the text: *Appendix A* provides macroeconomic indicators for the market economies in western Europe, North America and Japan for 1987-2001, *Appendix B* does the same for the east European countries, the Baltic states and the Commonwealth of Independent States for 1980-2001.

Re-estimated historical series are not yet available for all the transition economies, and longer time series could in some instances be obtained only by splicing older data with the new statistics (as explained in the notes to the tables). Historical series for Czechoslovakia, the former SFR of Yugoslavia and the Soviet Union can be found in previous issues of this *Survey*. For the economies of western Europe and North America data for the more recent years may also be subject to revision as more comprehensive benchmark figures become available.

Data were compiled from international and national statistical sources. Details on recent changes in national accounts methodology were provided in chapter 7 of the *Economic Survey of Europe, 2000 No. 1*. Aggregates are UNECE secretariat calculations, using PPPs obtained from the 1996 European Comparison Programme. Greece has become a member of the euro area at the beginning of 2001. In order to ensure continuity of time series and comparability with the text tables, Greece has been included in the euro area aggregates for all years shown in the appendix tables.

The figures for 2001 are based on data available at mid-March 2002.

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APPENDIX TABLE A.1

**Real GDP in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	2.5	4.6	4.2	2.6	1.0	1.5	-0.9	2.1	1.7	1.1	1.9	3.4	3.0	3.6	2.0
Germany <sup>b</sup> .....	1.7	3.7	3.5	3.2	2.8	2.2	-1.1	2.3	1.7	0.8	1.4	2.0	1.8	3.0	0.6
Italy .....	3.0	3.9	2.9	2.0	1.4	0.8	-0.9	2.2	2.9	1.1	2.0	1.8	1.6	2.9	1.8
Austria .....	1.6	3.4	4.2	4.7	3.3	2.3	0.4	2.6	1.6	2.0	1.6	3.5	2.8	3.0	1.1
Belgium .....	2.8	4.6	3.9	2.9	1.8	1.6	-1.5	2.8	2.6	1.2	3.6	2.2	3.0	4.0	1.3
Finland .....	4.2	4.7	5.1	-	-6.3	-3.3	-1.1	4.0	3.8	4.0	6.3	5.3	4.1	5.6	0.7
Greece .....	-2.3	4.3	3.8	-	3.1	0.7	-1.6	2.0	2.1	2.4	3.6	3.4	3.4	3.8	4.1
Ireland .....	4.7	5.2	5.8	8.5	1.9	3.3	2.7	5.8	10.0	7.8	10.8	8.6	10.8	11.5	6.5
Luxembourg .....	2.3	10.4	9.8	2.2	6.1	4.5	8.7	4.2	2.8	3.6	9.0	5.8	6.0	7.5	4.0
Netherlands .....	1.4	3.1	5.0	4.1	2.5	1.7	0.9	2.6	2.9	3.0	3.8	4.3	3.7	3.5	1.5
Portugal .....	6.4	7.5	6.4	4.0	4.4	1.1	-2.0	1.0	4.3	3.8	3.9	4.5	3.4	3.4	1.7
Spain .....	5.5	5.1	4.8	3.8	2.5	0.9	-1.0	2.4	2.8	2.4	4.0	4.3	4.1	4.1	2.8
<b>Euro area <sup>c</sup></b> .....	2.6	4.2	3.9	2.9	2.0	1.5	-0.8	2.3	2.4	1.5	2.4	2.9	2.7	3.4	1.6
United Kingdom .....	4.5	5.2	2.2	0.8	-1.4	0.2	2.5	4.7	2.9	2.6	3.4	3.0	2.1	3.0	2.3
Denmark .....	-	1.2	0.2	1.0	1.1	0.6	-	5.5	2.8	2.5	3.0	2.5	2.3	3.0	1.3
Sweden <sup>a</sup> .....	3.3	2.6	2.7	1.1	-1.1	-1.7	-1.8	4.1	3.7	1.1	2.1	3.6	4.5	3.6	1.4
<b>European Union <sup>d</sup></b> .....	2.9	4.3	3.5	2.5	1.4	1.2	-0.3	2.8	2.5	1.7	2.6	2.9	2.6	3.4	1.7
Cyprus .....	7.0	8.5	7.9	7.4	0.6	9.8	0.7	5.9	6.1	1.9	2.4	5.0	4.6	5.1	3.7
Iceland .....	8.5	-0.1	0.3	1.2	0.7	-3.3	0.6	4.5	0.1	5.2	4.8	4.5	4.3	3.6	1.1
Israel <sup>a</sup> .....	6.2	3.4	1.4	6.3	5.7	6.8	3.4	6.9	8.3	4.5	3.3	2.7	2.6	6.4	-0.5
Malta .....	4.1	8.4	8.2	6.3	6.3	4.7	4.5	5.7	6.2	4.0	4.8	3.4	4.1	5.4	-0.3
Norway <sup>a</sup> .....	2.0	-0.1	0.9	2.0	3.1	3.3	2.7	5.5	3.8	4.9	4.7	2.4	1.1	2.3	1.4
Switzerland .....	0.7	3.1	4.3	3.7	-0.8	-0.1	-0.5	0.5	0.5	0.3	1.7	2.4	1.6	3.0	1.3
Turkey .....	9.5	2.1	0.3	9.3	0.9	6.0	8.0	-5.5	7.2	7.0	7.5	3.1	-4.7	7.2	-7.3
<b>Western Europe</b> .....	3.2	4.1	3.4	2.9	1.3	1.4	0.1	2.4	2.7	1.9	2.8	2.9	2.2	3.5	1.3
Canada <sup>a</sup> .....	4.2	4.9	2.6	0.2	-2.1	0.9	2.4	4.7	2.8	1.6	4.3	3.9	5.1	4.4	1.5
United States <sup>a</sup> .....	3.4	4.2	3.5	1.8	-0.5	3.0	2.7	4.0	2.7	3.6	4.4	4.3	4.1	4.1	1.2
<b>North America</b> .....	3.5	4.2	3.4	1.6	-0.6	2.9	2.6	4.1	2.7	3.4	4.4	4.3	4.2	4.2	1.2
Japan .....	4.5	6.5	5.3	5.3	3.1	0.9	0.4	1.0	1.6	3.5	1.8	-1.1	0.7	2.4	-0.5
<b>Total above</b> .....	3.5	4.5	3.7	2.7	0.8	2.0	1.2	2.9	2.5	2.8	3.3	2.8	2.8	3.6	1.0
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>e</sup></b> .....	2.8	4.3	3.2	2.3	1.2	1.3	-0.2	2.8	2.2	1.3	2.1	2.5	2.1	3.1	1.6
<b>Western Europe and North America</b> .....	3.3	4.2	3.4	2.2	0.4	2.1	1.4	3.2	2.7	2.7	3.6	3.6	3.2	3.9	1.2

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

**Note:** All aggregates exclude Israel. Growth rates of regional aggregates have been calculated as weighted averages of growth rates in individual countries. Weights were derived from 1996 GDP data converted from national currency units into dollars using 1996 purchasing power parities. 1993 SNA/ESA95 definitions except for Switzerland and Turkey.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> France, Germany, Italy and the United Kingdom.

## APPENDIX TABLE A.2

**Real private consumption expenditure in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	3.0	2.7	3.0	2.7	0.7	0.9	-0.4	1.2	1.2	1.3	0.2	3.4	3.1	2.9	2.9
Germany <sup>b</sup> .....	3.4	2.7	2.8	5.4	5.6	2.7	0.1	1.1	2.1	1.0	0.6	1.8	3.1	1.4	1.1
Italy .....	3.8	4.0	3.7	2.1	2.9	1.9	-3.7	1.5	1.7	1.2	3.2	3.2	2.4	2.7	1.1
Austria .....	2.6	3.1	4.3	4.5	2.5	3.0	0.8	2.4	2.6	3.2	1.7	2.8	2.7	2.5	1.4
Belgium .....	1.8	3.7	3.9	3.2	3.1	2.2	-1.0	2.0	0.7	1.2	2.0	2.9	2.1	3.8	2.0
Finland .....	5.1	5.3	4.6	-0.6	-3.8	-4.4	-3.1	2.6	4.4	4.2	3.5	5.1	4.0	2.2	1.4
Greece .....	2.7	6.1	6.3	2.6	2.9	2.3	-0.8	1.9	2.5	2.4	2.7	3.5	2.9	3.2	3.1
Ireland .....	3.3	4.5	6.5	1.4	1.8	2.9	2.9	4.4	4.1	6.4	7.4	7.3	8.3	10.0	6.2
Luxembourg .....	4.6	4.6	5.1	5.7	6.3	-0.9	1.7	2.4	0.6	3.7	3.6	4.0	2.1	3.1	3.7
Netherlands .....	2.7	0.6	3.3	3.9	2.7	0.8	0.5	0.9	3.0	4.0	3.0	4.8	4.5	3.7	1.3
Portugal .....	5.3	6.8	2.9	6.4	4.2	4.7	1.1	1.0	0.5	3.2	3.4	5.1	4.8	2.6	1.1
Spain .....	6.0	4.9	5.4	3.5	2.9	2.2	-1.9	1.1	1.7	2.2	3.2	4.5	4.7	4.0	2.7
<b>Euro area <sup>c</sup></b> .....	3.6	3.4	3.6	3.6	3.2	1.9	-1.0	1.3	1.8	1.7	1.8	3.1	3.3	2.7	1.8
United Kingdom .....	5.3	7.5	3.3	1.0	-1.5	0.6	3.2	3.3	1.9	3.8	3.8	3.8	4.2	4.1	3.8
Denmark .....	-2.2	-2.1	-0.1	0.1	1.6	1.9	0.5	6.5	1.2	2.5	2.9	2.3	0.2	-0.3	1.2
Sweden <sup>a</sup> .....	5.3	2.6	1.2	-0.4	1.0	-1.3	-3.0	1.8	0.6	1.4	2.0	2.7	3.9	4.5	0.9
<b>European Union <sup>d</sup></b> .....	3.8	3.9	3.4	3.0	2.3	1.7	-0.4	1.7	1.8	2.0	2.1	3.2	3.4	2.9	2.1
Cyprus .....	5.5	10.5	6.9	9.0	9.9	3.2	-4.8	5.0	10.3	3.5	4.0	8.4	3.1	8.0	4.0
Iceland .....	16.2	-3.8	-4.2	0.5	2.9	-3.1	-4.7	2.9	2.2	5.4	5.5	10.0	6.9	4.0	2.5
Israel <sup>a</sup> .....	8.9	4.5	0.4	5.6	7.2	8.0	7.3	9.5	5.8	5.2	3.9	4.3	3.2	6.6	3.1
Malta .....	0.5	9.0	9.2	3.8	3.8	4.3	0.8	2.3	10.5	7.1	1.6	2.5	6.1	6.7	2.5
Norway <sup>a</sup> .....	-0.8	-2.0	-0.6	0.7	1.5	2.2	2.2	4.0	3.4	5.3	3.6	3.4	2.2	2.4	2.2
Switzerland .....	1.8	1.4	2.7	1.0	1.9	-	-1.7	0.5	-0.4	0.3	1.8	2.6	2.3	2.3	2.1
Turkey .....	-0.3	1.2	-1.0	13.1	2.7	3.2	8.6	-5.4	4.8	8.5	8.4	0.6	-2.6	6.4	-6.9
<b>Western Europe</b> .....	3.5	3.6	3.1	3.4	2.3	1.7	0.1	1.4	1.9	2.3	2.4	3.1	3.1	3.0	1.7
Canada <sup>a</sup> .....	4.1	4.3	3.4	1.2	-1.6	1.6	1.8	3.0	2.1	2.6	4.6	3.0	3.4	3.6	2.5
United States <sup>a</sup> .....	3.3	4.0	2.7	1.8	-0.2	2.9	3.4	3.8	3.0	3.2	3.6	4.8	5.0	4.8	3.1
<b>North America</b> .....	3.4	4.1	2.7	1.8	-0.3	2.8	3.2	3.7	2.9	3.1	3.6	4.6	4.9	4.7	3.0
Japan .....	4.1	5.1	4.7	4.4	2.7	2.6	1.8	2.6	1.4	2.4	0.8	0.1	1.2	0.6	0.3
<b>Total above</b> .....	3.6	4.1	3.2	2.9	1.3	2.3	1.7	2.6	2.3	2.7	2.7	3.3	3.5	3.4	2.0
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>e</sup></b> .....	3.8	4.1	3.2	3.1	2.3	1.7	-0.2	1.7	1.8	1.7	1.8	2.9	3.2	2.6	2.1
<b>Western Europe and North America</b> .....	3.4	3.9	2.9	2.6	1.0	2.2	1.7	2.6	2.4	2.7	3.0	3.9	4.0	3.9	2.3

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

**Note:** See appendix table A.1.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.3

**Real general government consumption expenditure in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	2.2	3.2	1.6	2.5	2.7	3.8	4.6	0.7	-0.1	2.3	2.1	-0.1	2.0	2.3	2.1
Germany <sup>b</sup> .....	2.1	2.2	-1.3	2.3	0.8	5.0	0.1	2.4	1.5	1.8	0.3	1.2	1.6	1.2	1.7
Italy .....	4.8	4.0	0.2	2.5	1.7	0.6	-0.2	-0.9	-2.2	1.1	0.3	0.3	1.4	1.7	2.3
Austria .....	0.1	1.1	1.7	2.3	3.2	3.5	3.7	3.0	1.3	1.2	-1.5	2.8	2.2	0.9	-0.2
Belgium .....	2.6	-0.7	1.1	-0.4	3.6	1.4	-0.2	1.4	1.3	2.4	0.3	1.5	3.2	2.5	2.4
Finland .....	4.4	1.9	2.2	4.0	2.1	-2.4	-4.2	0.3	2.0	2.5	4.1	1.7	1.9	-0.2	1.7
Greece .....	0.2	-5.5	5.4	0.6	-1.5	-3.0	2.6	-1.1	5.6	0.9	3.0	1.7	-0.1	2.3	1.8
Ireland .....	-4.8	-5.0	-1.3	5.4	2.7	3.0	0.1	4.1	3.9	3.3	5.3	5.7	6.3	5.4	6.0
Luxembourg .....	4.7	4.9	3.9	3.1	3.9	1.5	3.7	2.0	5.7	5.5	3.0	1.4	7.7	4.7	3.4
Netherlands .....	2.8	1.9	2.0	2.3	3.0	2.8	1.6	1.5	1.3	-0.4	3.2	3.6	2.8	1.9	3.4
Portugal .....	3.8	8.6	6.4	4.2	9.6	-0.9	-0.2	4.3	1.0	3.4	2.2	3.8	4.5	2.5	1.9
Spain .....	9.2	3.6	8.3	6.3	6.0	3.5	2.7	0.5	2.4	1.3	2.9	3.7	4.2	4.0	3.1
<b>Euro area <sup>c</sup></b> .....	3.3	2.7	1.3	2.7	2.4	2.9	1.4	1.1	0.6	1.6	1.3	1.3	2.1	2.0	2.2
United Kingdom .....	-	0.2	1.0	2.2	3.0	0.7	-0.7	1.0	1.7	1.2	0.1	1.5	2.8	1.9	2.4
Denmark .....	2.1	-0.2	-0.8	-0.2	0.6	0.8	4.1	3.0	2.1	3.4	0.8	3.1	1.8	0.6	1.7
Sweden <sup>a</sup> .....	1.2	1.1	3.0	2.5	3.4	0.2	-0.1	-0.9	-0.6	0.9	-1.2	3.2	1.7	-0.9	1.1
<b>European Union <sup>d</sup></b> .....	2.7	2.2	1.3	2.6	2.5	2.5	1.1	1.1	0.8	1.6	1.0	1.4	2.2	1.9	2.2
Cyprus .....	5.3	10.5	1.9	17.4	3.9	13.8	-14.3	4.1	2.9	12.6	4.0	7.3	-8.7	2.7	9.7
Iceland .....	6.5	4.7	3.0	4.4	3.1	-0.7	2.3	4.0	1.8	1.2	2.5	3.4	4.9	3.5	2.5
Israel <sup>a</sup> .....	18.3	-2.5	-8.6	7.7	4.1	1.4	4.2	-0.2	1.8	5.3	1.8	2.4	3.1	1.1	3.2
Malta .....	9.1	6.0	12.7	5.7	10.9	8.9	6.0	6.4	8.5	8.4	-1.1	-4.0	-0.6	5.2	3.3
Norway <sup>a</sup> .....	4.6	-0.1	1.9	4.9	4.3	5.3	2.2	1.4	0.3	2.8	1.9	3.8	3.3	1.4	1.5
Switzerland .....	1.7	4.5	5.4	5.4	3.5	0.7	-0.1	2.0	-0.1	2.0	-	1.3	0.5	-0.4	0.1
Turkey .....	9.4	-1.1	0.8	8.0	3.7	3.6	8.6	-5.5	6.8	8.6	4.1	7.8	6.5	7.1	-5.5
<b>Western Europe</b> .....	3.1	2.1	1.4	3.0	2.6	2.6	1.4	0.8	1.1	1.9	1.2	1.8	2.4	2.1	1.8
Canada <sup>a</sup> .....	1.4	4.5	2.7	3.5	2.9	0.9	-	-1.3	-0.6	-1.4	-0.8	1.8	2.6	2.2	2.2
United States <sup>a e</sup> .....	3.0	1.2	2.8	3.3	1.2	0.5	-0.8	0.1	0.4	1.1	2.4	1.9	3.3	2.7	3.6
<b>North America</b> .....	2.8	1.4	2.7	3.3	1.3	0.5	-0.7	-	0.4	0.9	2.1	1.9	3.2	2.6	3.4
Japan .....	3.5	3.4	2.9	2.5	3.2	2.7	3.2	2.9	4.3	2.8	1.3	1.9	4.5	4.6	3.1
<b>Total above</b> .....	3.0	2.0	2.2	3.0	2.2	1.7	0.8	0.8	1.3	1.6	1.6	1.9	3.1	2.7	2.7
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>f</sup></b> .....	2.3	2.4	0.2	2.4	1.9	2.8	0.9	1.0	0.4	1.6	0.7	0.8	1.9	1.7	2.1
<b>Western Europe and North America</b> .....	2.9	1.7	2.1	3.1	2.0	1.5	0.3	0.4	0.7	1.4	1.6	1.8	2.8	2.4	2.6

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

**Note:** See appendix table A.1.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> Includes final consumption expenditure and gross investment.

<sup>f</sup> France, Germany, Italy and the United Kingdom.

## APPENDIX TABLE A.4

**Real gross domestic fixed capital formation in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	6.0	9.5	7.3	3.3	-1.5	-1.6	-6.4	1.5	2.0	-	-0.1	7.0	6.2	6.2	2.8
Germany <sup>b</sup> .....	2.5	4.6	5.6	9.0	9.8	4.5	-4.4	4.0	-0.6	-0.8	0.6	3.0	4.2	2.3	-4.8
Italy .....	4.2	6.7	4.2	4.0	1.0	-1.4	-10.9	0.1	6.0	3.6	2.1	4.0	5.7	6.5	2.4
Austria .....	3.8	7.4	4.1	6.2	6.6	0.6	-0.9	4.6	1.3	2.2	2.0	3.4	1.5	5.1	-0.2
Belgium .....	6.2	15.7	12.6	8.5	-4.1	1.7	-3.1	-0.1	5.6	1.3	6.8	4.3	3.3	2.6	-0.6
Finland .....	4.9	11.0	13.0	-4.6	-18.6	-16.7	-16.6	-2.7	10.6	8.4	11.9	9.3	3.0	4.8	2.1
Greece .....	-5.6	2.6	6.1	4.5	4.2	-3.5	-4.0	-3.1	4.1	8.4	6.8	10.6	6.2	7.8	9.1
Ireland .....	-1.1	5.2	10.1	13.4	-7.0	-	-5.1	11.8	13.4	16.6	17.8	15.7	13.5	7.3	3.4
Luxembourg .....	17.9	15.0	7.0	2.7	31.6	-9.0	28.4	-14.9	2.9	1.7	14.3	2.8	19.6	-3.0	5.8
Netherlands .....	0.8	5.3	5.1	2.5	0.4	0.7	-3.2	2.1	3.9	6.3	6.6	4.2	7.8	3.8	-1.3
Portugal .....	18.0	14.8	3.7	7.6	3.3	4.5	-5.5	2.7	6.6	6.2	13.9	11.2	7.1	5.3	-1.0
Spain .....	12.2	13.6	12.0	6.5	1.7	-4.1	-8.9	1.9	7.7	2.1	5.0	9.7	8.8	5.7	2.5
<b>Euro area <sup>c</sup></b> .....	4.8	7.8	6.7	5.8	2.9	0.1	-6.5	2.0	3.3	1.8	2.7	5.4	5.7	4.7	0.1
United Kingdom .....	9.3	14.9	6.0	-2.6	-8.2	-0.9	0.3	4.7	3.1	4.7	7.1	13.2	0.9	4.9	2.0
Denmark .....	-0.8	-3.2	-0.6	-2.2	-3.4	-2.1	-3.8	7.7	11.6	3.9	10.9	10.0	1.0	10.7	-2.3
Sweden <sup>a</sup> .....	8.0	6.4	12.1	0.2	-8.6	-11.6	-15.0	6.1	9.4	5.0	-1.1	8.5	9.6	5.0	3.2
<b>European Union <sup>d</sup></b> .....	5.5	8.7	6.6	4.2	0.8	-0.3	-5.6	2.6	3.5	2.4	3.4	6.8	4.9	4.8	0.4
Cyprus .....	4.5	10.6	20.0	-2.8	-1.6	16.2	-12.8	-2.5	-1.7	7.4	-4.5	8.0	-1.4	7.0	3.4
Iceland .....	18.8	-0.2	-7.9	3.0	3.3	-11.1	-10.7	0.6	-1.1	25.7	9.6	26.6	-0.8	11.1	1.0
Israel <sup>a</sup> .....	6.1	1.6	-2.2	25.3	41.9	5.2	5.3	8.4	6.6	9.0	-0.9	-3.6	0.4	1.1	-8.9
Malta .....	30.7	6.1	1.0	17.9	-	-0.2	11.1	8.5	17.8	-8.4	-4.5	-3.4	4.0	18.1	-13.7
Norway <sup>a</sup> .....	0.3	-1.8	-6.9	-10.8	-0.4	-3.1	4.3	4.5	3.4	9.9	13.9	10.6	-8.2	-1.1	-5.9
Switzerland .....	4.0	8.1	5.3	3.8	-2.9	-6.6	-2.7	6.5	1.8	-2.4	1.5	4.5	3.7	5.8	-1.3
Turkey .....	45.1	-1.0	2.2	15.9	0.4	6.4	26.4	-16.0	9.1	14.1	14.8	-3.9	-15.7	16.5	-23.0
<b>Western Europe</b> .....	7.3	8.1	6.1	4.6	0.6	-0.2	-3.9	1.8	3.7	3.0	4.0	6.3	3.7	5.3	-0.8
Canada <sup>a</sup> .....	10.5	9.4	5.6	-4.0	-5.5	-2.7	-2.0	7.5	-2.1	4.4	15.2	2.4	7.3	6.7	1.4
United States <sup>a,e</sup> .....	..	3.6	2.7	-1.8	-6.9	6.5	8.1	9.1	6.1	9.3	9.6	11.4	7.8	7.6	-1.9
<b>North America</b> .....	..	4.1	3.0	-2.0	-6.8	5.7	7.3	9.0	5.4	8.9	10.0	10.6	7.8	7.5	-1.7
Japan .....	9.4	12.0	8.6	8.8	2.2	-2.5	-3.1	-1.4	0.3	6.8	1.0	-4.0	-0.8	3.2	-1.7
<b>Total above</b> .....	..	7.0	5.2	2.5	-2.3	1.9	0.9	4.3	3.9	6.1	6.1	6.5	4.7	5.9	-1.3
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>f</sup></b> .....	5.1	8.4	5.8	4.1	1.3	0.6	-5.3	2.7	2.3	1.6	2.2	6.4	4.3	4.7	-
<b>Western Europe and North America</b> .....	..	6.1	4.5	1.3	-3.1	2.8	1.7	5.4	4.6	5.9	7.0	8.5	5.8	6.4	-1.2

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

**Note:** See appendix table A.1.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> Includes only gross domestic fixed investment of the private sector; the government sector gross investment is included in the final consumption expenditure of general government.

<sup>f</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.5

**Real total domestic expenditures in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	3.2	4.7	3.9	2.8	0.5	0.8	-1.6	2.1	1.6	0.7	0.7	4.0	3.1	3.9	1.7
Germany <sup>b</sup> .....	2.6	3.6	2.7	4.8	6.2	2.8	-1.1	2.3	1.7	0.3	0.6	2.4	2.6	2.0	-1.0
Italy .....	4.3	4.1	3.1	2.7	2.1	0.9	-5.1	1.7	2.0	0.9	2.7	3.1	3.0	2.1	1.6
Austria .....	2.4	3.3	3.7	4.4	3.5	2.3	0.6	3.5	2.6	1.9	1.5	2.7	2.8	2.5	0.6
Belgium .....	3.6	4.8	4.5	3.0	1.6	1.8	-1.5	1.9	2.0	0.9	2.8	3.3	2.2	3.8	1.6
Finland .....	5.7	6.6	7.0	-0.5	-7.9	-5.7	-5.5	3.7	4.4	2.9	6.0	5.8	2.0	3.6	0.7
Greece .....	-2.7	5.9	5.3	2.2	3.5	-0.5	-1.0	1.1	3.5	3.3	3.5	4.6	2.6	5.1	4.2
Ireland .....	-0.4	1.9	6.9	6.3	0.2	-0.1	1.0	5.1	6.7	7.4	9.4	10.3	6.6	9.2	5.2
Luxembourg .....	5.3	6.5	8.0	3.2	8.1	-1.2	8.8	-0.2	3.2	4.1	6.7	3.1	7.5	2.4	3.8
Netherlands .....	1.4	2.2	5.0	3.4	2.2	1.2	-1.6	2.0	3.5	2.8	3.9	4.8	4.2	3.0	1.3
Portugal .....	9.0	10.1	4.9	5.3	6.1	3.4	-2.1	1.5	4.1	3.3	5.1	6.7	5.5	3.0	0.7
Spain .....	7.9	6.8	7.3	4.6	3.0	1.0	-3.3	1.5	3.1	1.9	3.5	5.7	5.6	4.2	2.9
<b>Euro area <sup>c</sup></b> .....	3.6	4.4	4.0	3.7	3.1	1.4	-2.3	2.0	2.2	1.1	2.0	3.7	3.3	3.0	1.0
United Kingdom .....	4.9	8.1	2.9	-0.3	-2.5	0.9	2.2	3.8	2.0	3.1	3.9	5.1	3.4	3.6	3.0
Denmark .....	-2.0	0.2	-0.1	-0.7	-0.1	0.9	-0.3	7.0	4.2	2.2	4.9	4.0	-0.5	2.6	0.5
Sweden <sup>a</sup> .....	4.3	3.0	4.0	0.7	-1.6	-1.8	-4.6	3.1	1.9	0.7	0.8	4.3	3.5	3.5	1.0
<b>European Union <sup>d</sup></b> .....	3.7	4.9	3.7	2.9	2.0	1.3	-1.6	2.4	2.2	1.4	2.3	3.9	3.2	3.1	1.3
Cyprus .....	5.6	11.3	9.7	6.3	5.1	9.3	-9.5	7.4	7.8	4.8	1.3	8.8	0.4	6.8	3.9
Iceland .....	15.7	-0.7	-4.4	1.5	4.6	-4.6	-4.2	2.4	2.2	7.3	5.7	12.4	4.6	5.4	2.2
Israel <sup>a</sup> .....	9.0	2.5	-2.8	9.3	12.1	5.3	6.8	5.3	6.7	5.7	2.0	1.2	2.1	3.2	3.7
Malta .....	3.5	11.5	8.3	7.6	4.9	0.1	4.8	5.9	9.5	2.8	-0.1	-1.1	5.8	10.6	-4.8
Norway <sup>a</sup> .....	-0.6	-2.5	-1.6	-	1.1	1.7	3.1	4.0	4.3	4.2	6.4	5.4	-0.6	2.2	-0.6
Switzerland .....	1.8	2.4	4.3	3.8	-0.5	-2.8	-1.5	2.3	1.2	0.2	1.5	4.4	1.5	2.8	1.7
Turkey .....	8.9	-1.3	1.5	14.6	-0.6	5.6	14.2	-12.5	11.4	7.6	9.0	0.6	-3.7	9.6	-15.8
<b>Western Europe</b> .....	3.9	4.5	3.6	3.4	1.8	1.4	-0.8	1.8	2.6	1.7	2.7	3.8	2.8	3.4	0.5
Canada <sup>a</sup> .....	4.9	5.4	4.0	-0.3	-1.9	0.5	1.6	3.2	1.8	1.2	6.1	2.3	4.0	4.5	0.9
United States <sup>a</sup> .....	3.7	3.2	2.9	1.4	-1.1	3.1	3.2	4.4	2.4	3.7	4.7	5.5	5.0	4.8	1.1
<b>North America</b> .....	3.8	3.4	3.0	1.3	-1.1	2.9	3.0	4.3	2.4	3.5	4.8	5.2	4.9	4.8	1.1
Japan .....	5.3	7.3	5.6	5.3	2.7	0.6	0.3	1.2	2.1	4.0	0.9	-1.5	0.8	1.9	0.2
<b>Total above</b> .....	4.1	4.5	3.6	2.8	0.7	1.9	1.0	2.8	2.4	2.8	3.3	3.6	3.4	3.7	0.7
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>e</sup></b> .....															
	3.6	4.9	3.1	2.8	2.1	1.5	-1.4	2.4	1.8	1.1	1.8	3.5	3.0	2.8	1.1
<b>Western Europe and North America</b> .....															
	3.8	3.9	3.3	2.4	0.4	2.1	1.1	3.0	2.5	2.6	3.7	4.5	3.9	4.1	0.8

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

**Note:** See appendix table A.1.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.6

**Real exports of goods and services in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	3.4	8.7	10.0	4.8	5.9	5.4	-	7.7	7.7	3.5	11.8	8.3	3.9	13.3	1.1
Germany <sup>b</sup> .....	0.5	5.1	9.8	0.5	-2.9	-0.8	-5.5	7.6	5.7	5.1	11.2	6.8	5.6	13.2	4.7
Italy .....	4.5	5.1	7.8	7.5	-1.4	7.3	9.0	9.8	12.6	0.6	6.4	3.4	0.3	11.7	0.8
Austria .....	2.3	9.8	9.7	7.8	5.2	1.5	-1.4	5.6	3.0	5.2	12.4	7.9	8.7	12.2	5.3
Belgium .....	5.0	9.6	8.3	4.6	3.1	3.6	-0.4	8.4	5.7	2.9	6.1	5.8	5.0	9.7	0.7
Finland .....	2.9	3.5	1.6	1.2	-7.3	10.3	16.7	13.1	8.6	5.8	14.1	8.9	6.8	18.2	-0.7
Greece .....	5.9	-2.1	1.9	-3.5	4.1	10.0	-2.6	7.4	3.0	3.5	20.0	5.3	8.1	5.6	5.7
Ireland .....	13.7	9.0	10.3	8.7	5.7	13.9	9.7	15.1	20.0	12.2	17.4	21.4	15.7	17.8	9.1
Luxembourg .....	4.4	11.7	8.1	3.4	6.7	4.8	2.8	4.4	6.1	5.4	13.4	12.9	13.3	16.4	4.7
Netherlands .....	4.1	8.9	7.9	5.1	5.6	2.4	5.7	9.7	8.8	4.6	8.8	7.4	5.4	9.5	2.3
Portugal .....	11.2	8.2	12.2	9.5	1.2	3.2	-3.3	8.4	8.8	7.1	7.1	9.2	3.2	8.1	6.2
Spain .....	5.3	3.8	1.4	4.7	8.2	7.5	7.8	16.7	9.4	10.4	15.3	8.2	7.6	9.6	3.4
<b>Euro area <sup>c</sup></b> .....	3.4	6.2	8.2	4.0	1.6	4.1	1.5	9.2	8.2	4.4	10.7	6.8	4.6	12.0	2.8
United Kingdom .....	6.1	0.6	4.5	5.4	-0.1	4.3	4.4	9.2	9.0	8.2	8.3	3.0	5.4	10.3	-0.1
Denmark .....	4.3	11.2	4.2	6.2	6.1	-0.9	-1.5	7.0	2.9	4.3	4.1	4.3	10.8	11.5	4.1
Sweden <sup>a</sup> .....	4.3	2.8	3.2	1.8	-1.9	2.2	8.3	14.1	11.3	3.5	13.7	8.4	6.5	10.3	-0.1
<b>European Union <sup>d</sup></b> .....	3.8	5.3	7.4	4.2	1.3	4.0	2.0	9.3	8.3	5.0	10.3	6.2	4.9	11.7	2.3
Cyprus .....	13.7	13.5	16.8	7.9	-8.4	18.7	-1.3	7.9	4.6	4.4	0.5	-2.4	6.3	9.0	4.9
Iceland .....	3.3	-3.6	2.9	-	-5.9	-1.9	7.0	9.9	-2.1	9.9	5.7	2.2	5.5	2.6	-1.0
Israel <sup>a</sup> .....	10.2	-1.5	4.0	2.0	-2.6	14.1	9.9	12.8	8.4	4.9	8.0	6.6	11.6	23.9	-13.1
Malta .....	12.6	6.1	10.7	13.3	7.5	9.7	5.3	7.1	5.4	-5.9	4.0	8.1	8.2	5.6	-7.3
Norway <sup>a</sup> .....	1.1	6.4	11.0	8.6	6.1	5.2	3.2	8.7	4.3	9.3	6.1	0.3	2.8	2.7	5.3
Switzerland .....	2.2	7.0	6.9	2.6	-2.5	3.6	2.6	2.2	2.4	3.0	8.7	5.3	6.3	11.8	-0.5
Turkey .....	26.4	18.4	-0.3	2.5	3.7	11.0	7.7	15.2	8.0	22.0	19.1	12.0	-7.0	19.3	5.0
<b>Western Europe</b> .....	4.8	6.0	7.1	4.2	1.4	4.3	2.3	9.4	8.1	5.8	10.6	6.4	4.3	11.9	2.4
Canada <sup>a</sup> .....	2.9	8.9	1.0	4.7	1.8	7.2	10.8	12.7	8.5	5.6	8.3	8.9	9.9	7.6	-3.7
United States <sup>a</sup> .....	11.2	16.1	11.8	8.7	6.5	6.2	3.3	8.9	10.3	8.2	12.3	2.1	3.2	9.5	-4.6
<b>North America</b> .....	10.5	15.5	10.9	8.4	6.1	6.2	4.0	9.3	10.1	7.9	11.9	2.7	3.8	9.3	-4.5
Japan .....	-0.5	5.9	9.1	7.0	4.1	3.9	-0.1	3.5	4.1	6.5	11.2	-2.3	1.4	12.4	-6.6
<b>Total above</b> .....	6.4	10.0	9.0	6.4	3.8	5.1	2.6	8.4	8.3	6.8	11.3	3.5	3.6	10.9	-1.9
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>e</sup></b> .....															
	3.3	4.9	8.2	4.1	-	3.6	1.2	8.5	8.4	4.4	9.6	5.6	4.0	12.3	2.0
<b>Western Europe and North America</b> .....															
	7.7	10.7	9.0	6.3	3.8	5.3	3.2	9.3	9.1	6.9	11.3	4.5	4.1	10.6	-1.1

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

**Note:** See appendix table A.1. Data on national accounts basis.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> France, Germany, Italy and the United Kingdom.



APPENDIX TABLE A.7

**Real imports of goods and services in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France <sup>a</sup> .....	7.7	8.8	8.0	5.5	3.1	1.8	-3.7	8.2	8.0	1.6	6.9	11.6	4.2	15.4	-0.2
Germany <sup>b</sup> .....	4.2	4.9	7.8	5.2	9.6	1.5	-5.5	7.4	5.6	3.1	8.3	8.9	8.5	10.0	0.1
Italy .....	12.2	5.9	8.9	11.5	2.3	7.4	-10.9	8.1	9.7	-0.3	10.1	8.9	5.3	9.4	0.2
Austria .....	4.8	9.3	8.0	6.9	5.8	1.4	-1.1	8.2	5.6	4.9	12.0	5.9	8.8	11.1	4.4
Belgium .....	6.7	10.4	9.6	4.8	2.9	4.1	-0.4	7.3	4.9	2.5	5.1	7.5	4.1	9.7	1.0
Finland .....	9.2	10.9	9.0	-0.8	-13.5	0.6	1.3	12.8	7.8	6.4	11.3	8.5	4.0	16.2	-1.0
Greece .....	2.1	7.3	10.5	8.4	5.8	1.1	0.6	1.5	8.9	7.0	14.2	9.2	3.6	9.7	5.6
Ireland .....	6.2	4.9	13.5	5.1	2.4	8.2	7.5	15.5	16.4	12.5	16.8	25.8	11.9	16.6	8.5
Luxembourg .....	7.5	8.2	6.6	4.5	9.0	-0.8	2.8	-0.1	6.9	6.1	11.8	11.5	15.6	13.8	4.7
Netherlands .....	4.2	6.9	8.2	3.6	5.1	1.4	0.7	9.4	10.6	4.4	9.5	8.5	6.3	9.4	2.2
Portugal .....	23.1	18.0	5.9	14.5	7.2	10.7	-3.3	8.8	7.4	5.0	10.0	14.2	8.7	6.0	2.7
Spain .....	24.8	16.1	17.7	9.6	10.3	6.8	-5.2	11.4	11.1	8.0	13.2	13.3	12.8	9.8	3.7
<b>Euro area <sup>c</sup></b> .....	9.2	8.0	9.3	7.1	5.7	3.6	-5.1	8.3	8.0	3.0	9.3	10.0	7.0	11.0	1.0
United Kingdom .....	7.9	12.8	7.4	0.5	-4.5	6.8	3.3	5.7	5.4	9.6	9.7	9.6	8.9	10.9	-0.2
Denmark .....	-3.1	8.3	4.1	1.2	3.0	-0.4	-2.7	12.3	7.3	3.5	10.0	8.9	3.3	11.2	2.5
Sweden <sup>a</sup> .....	7.6	4.5	7.7	0.7	-4.9	1.5	-2.2	12.2	7.2	3.0	12.5	11.2	4.4	11.5	-1.1
<b>European Union <sup>d</sup></b> .....	8.8	8.6	8.9	5.8	3.8	4.0	-3.6	8.1	7.5	4.1	9.4	10.0	7.2	11.0	0.8
Cyprus .....	5.5	13.4	20.4	5.8	2.2	18.2	-18.1	8.2	11.5	7.0	0.4	6.6	-1.9	10.0	3.8
Iceland .....	23.3	-4.6	-10.3	1.0	5.3	-5.9	-7.7	4.2	4.0	16.7	8.5	23.3	6.1	7.0	2.0
Israel <sup>a</sup> .....	19.6	-2.8	-5.0	9.5	16.0	8.8	14.1	10.9	4.5	7.7	3.3	1.7	14.8	12.2	-6.4
Malta .....	12.3	11.1	11.1	15.7	5.4	3.0	5.9	7.5	10.0	-5.9	-1.7	2.5	10.1	11.2	-11.5
Norway <sup>a</sup> .....	-6.5	-2.4	2.2	2.5	0.2	0.7	4.4	4.9	5.6	8.0	11.3	8.0	-1.6	2.5	0.3
Switzerland .....	5.8	4.7	6.6	2.8	-1.4	-4.7	-0.4	8.0	4.5	2.7	8.3	10.8	5.9	11.2	0.4
Turkey .....	23.0	-4.5	6.9	33.0	-5.2	10.9	35.8	-21.9	29.6	20.5	22.4	2.3	-3.7	25.4	-19.0
<b>Western Europe</b> .....	9.2	7.8	8.6	7.0	3.2	4.1	-1.6	6.6	8.5	4.9	10.0	9.6	6.5	11.6	-0.2
Canada <sup>a</sup> .....	5.3	13.5	5.9	2.0	2.5	4.7	7.4	8.0	5.7	5.1	14.2	4.9	7.3	8.1	-5.7
United States <sup>a</sup> .....	6.1	3.8	4.0	3.8	-0.5	6.6	9.1	12.0	8.2	8.6	13.7	11.8	10.5	13.4	-2.7
<b>North America</b> .....	6.0	4.6	4.1	3.7	-0.3	6.5	8.9	11.6	8.0	8.3	13.7	11.2	10.2	12.9	-3.0
Japan .....	11.3	19.5	15.7	7.0	-1.1	-0.7	-1.4	7.8	12.8	13.2	1.2	-6.8	3.0	9.6	-0.6
<b>Total above</b> .....	8.2	8.3	7.8	5.6	1.1	4.4	2.9	8.9	9.0	7.6	10.2	7.7	7.5	11.8	-1.4
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>e</sup></b> .....	7.6	7.7	8.0	5.7	3.4	4.0	-4.4	7.4	7.0	3.4	8.7	9.7	6.9	11.3	-
<b>Western Europe and North America</b> .....	7.6	6.2	6.4	5.3	1.5	5.3	3.7	9.1	8.2	6.6	11.9	10.4	8.4	12.3	-1.6

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

**Note:** See appendix table A.1. Data on national accounts basis.

<sup>a</sup> Annual changes are calculated from chained national currency series.

<sup>b</sup> Data before 1991 refer to West Germany.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.8

**Industrial output in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France .....	1.2	4.6	3.7	3.1	-0.3	-1.0	-3.8	4.4	2.3	0.9	3.8	5.2	2.0	3.5	0.9
Germany <sup>a</sup> .....	0.4	3.6	4.9	5.2	3.5	-2.4	-7.9	3.2	0.8	0.8	3.7	4.1	1.5	6.2	0.3
Italy .....	2.6	6.9	3.9	6.3	-0.4	-1.3	-2.1	6.2	5.0	-1.9	3.8	1.1	-	4.8	-1.2
Austria .....	1.0	4.4	5.8	6.8	1.9	-1.2	-1.5	4.0	4.9	1.0	6.4	8.2	6.0	8.9	0.2
Belgium .....	2.1	5.8	3.4	1.5	-1.9	-0.4	-5.1	2.1	6.5	0.5	4.7	3.4	0.9	5.3	-0.7
Finland .....	5.0	3.2	3.6	-0.6	-8.7	1.3	5.6	11.3	7.3	3.6	10.1	7.4	6.1	11.5	-1.1
Greece .....	-1.2	5.1	1.8	-2.5	-1.0	-1.1	-2.9	1.3	1.8	1.2	1.3	7.1	3.9	0.5	2.1
Ireland .....	8.9	10.7	11.6	4.7	3.3	9.1	5.6	11.9	20.5	8.1	17.5	19.8	14.8	15.4	9.7
Luxembourg .....	-0.6	8.7	7.8	2.6	0.4	-0.8	-4.3	5.9	2.0	0.1	5.8	-0.1	11.5	4.3	2.4
Netherlands .....	1.1	0.1	5.1	2.4	1.8	-0.2	-1.1	4.9	4.1	2.4	0.2	2.2	1.9	3.8	-0.9
Portugal .....	4.4	3.8	6.7	9.0	-	-2.3	-5.2	-0.2	11.6	5.3	2.6	5.7	3.0	0.5	2.4
Spain .....	4.6	3.1	5.1	-0.3	-0.7	-3.1	-4.7	7.7	4.8	-1.3	6.9	5.5	2.6	4.4	-1.4
<b>Euro area <sup>b</sup></b> .....	1.6	4.1	4.6	2.8	0.7	-1.7	-4.8	4.5	3.4	0.4	4.2	4.3	2.0	5.5	0.2
United Kingdom .....	4.1	5.2	2.1	-	-3.3	0.4	2.1	5.2	1.8	1.2	1.1	1.0	0.8	1.8	-2.3
Denmark .....	-3.6	2.5	2.4	2.4	-	3.5	-2.2	10.3	4.2	2.0	5.9	1.9	2.7	6.2	1.7
Sweden .....	2.8	2.9	2.9	0.3	-5.2	-1.7	-0.4	11.5	9.8	1.0	6.5	4.2	3.1	8.4	-1.7
<b>European Union <sup>c</sup></b> .....	1.9	4.2	4.3	2.4	-0.1	-1.4	-3.6	5.1	3.4	0.6	3.9	3.7	1.8	5.0	-0.2
Israel .....	4.9	-3.1	-1.6	8.0	6.8	8.2	6.9	7.4	8.4	5.4	1.8	2.8	1.4	10.1	-5.7
Norway .....	6.6	2.9	9.3	2.5	2.5	5.6	3.6	7.0	5.9	5.4	3.4	-0.6	-0.2	2.9	0.1
Switzerland .....	1.2	7.8	1.5	4.8	0.5	-1.0	-1.8	4.3	2.0	-	4.6	3.6	3.6	8.3	4.0
Turkey .....	10.5	1.6	3.6	9.5	2.7	5.0	8.0	-6.2	12.7	7.5	10.7	1.2	-3.7	6.1	-9.3
<b>Western Europe</b> .....	2.3	4.1	4.2	2.7	0.1	-1.1	-3.0	4.5	3.8	0.9	4.3	3.5	1.5	5.1	-0.5
Canada .....	4.2	6.6	-0.3	-2.7	-3.6	1.3	4.8	6.2	4.6	1.2	5.6	3.4	5.6	5.5	-2.8
United States .....	4.6	4.5	1.8	-0.2	-2.0	3.1	3.4	5.5	4.8	4.6	6.9	5.1	3.7	4.5	-3.8
<b>North America</b> .....	4.6	4.7	1.6	-0.4	-2.1	3.0	3.6	5.6	4.8	4.3	6.8	5.0	3.8	4.6	-3.8
Japan .....	3.4	9.4	5.8	4.2	1.9	-5.7	-3.5	1.3	3.3	2.3	3.5	-6.5	0.8	5.7	-7.3
<b>Total above</b> .....	3.4	5.3	3.5	1.8	-0.4	-0.6	-0.7	4.3	4.1	2.5	5.2	2.4	2.4	5.0	-3.0
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>d</sup></b> .....	1.8	4.8	3.9	4.0	0.5	-1.4	-3.9	4.5	2.3	0.2	3.2	3.0	1.1	4.4	-0.4
<b>Western Europe and North America</b> .....	3.4	4.4	3.0	1.3	-0.9	0.8	-	5.0	4.3	2.6	5.5	4.3	2.7	4.8	-2.2

**Source:** National statistics; Eurostat, New Cronos Database; OECD, *Main Economic Indicators* (Paris), various issues; UNECE secretariat estimates.

**Note:** Except for the EU and the euro area, industrial output indices for regional aggregates have been calculated as weighted averages of the indices of the constituent countries; the EU and euro region aggregates are provided by Eurostat. Weights were derived from 1995 value added originating in industry converted from national currency units into dollars using 1995 GDP purchasing power parities.

**a** West Germany, 1987-1991.

**b** Twelve countries above.

**c** Fifteen countries above.

**d** France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.9

**Total employment in western Europe, North America and Japan, 1987-2001**  
(Percentage change over preceding year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France .....	-0.1	0.7	0.9	0.9	-0.1	-0.3	-1.3	-0.1	0.9	0.3	0.5	1.3	1.8	2.5	1.6
Germany <sup>a</sup> .....	0.7	0.8	1.5	3.0	2.5	-1.5	-1.4	-0.2	0.2	-0.3	-0.2	1.1	1.2	1.6	0.1
Italy .....	0.2	1.1	0.7	1.6	1.9	-0.5	-2.5	-1.5	-0.1	0.6	0.4	1.0	1.1	1.6	1.5
Austria .....	-	0.6	1.3	1.6	1.4	0.2	-0.6	-0.1	-	-0.6	0.5	0.8	1.4	0.9	0.2
Belgium .....	0.6	1.7	1.2	0.9	0.1	-0.5	-0.7	-0.4	0.7	0.4	0.8	1.2	1.4	1.6	1.2
Finland .....	0.5	1.2	0.7	-0.5	-5.7	-7.2	-6.2	-1.1	1.6	1.4	3.3	2.1	2.7	1.8	1.4
Greece .....	0.3	1.3	0.6	0.6	-1.4	1.0	1.2	1.7	0.5	-0.4	-0.5	4.1	-0.8	-0.3	1.1
Ireland .....	0.8	0.6	1.0	2.7	0.4	1.1	1.3	4.3	4.3	3.6	5.6	8.6	6.0	4.7	2.3
Luxembourg .....	2.7	3.0	3.5	4.1	4.1	2.5	1.8	2.5	2.6	2.7	3.2	4.3	5.0	5.6	5.5
Netherlands .....	1.6	2.0	2.6	2.9	1.8	1.6	-	0.7	1.5	2.3	3.2	2.6	2.5	2.3	2.0
Portugal .....	2.3	2.5	1.9	1.9	2.8	-0.9	-1.9	-0.2	-0.7	0.5	1.7	2.7	1.7	2.0	1.5
Spain .....	4.8	3.5	3.6	3.8	1.2	-1.4	-2.8	-0.5	1.9	1.3	2.9	3.6	3.5	3.1	2.3
<b>Euro area <sup>b</sup></b> .....	0.9	1.3	1.5	2.1	1.3	-0.9	-1.7	-0.4	0.6	0.5	0.8	1.7	1.7	1.8	1.2
United Kingdom <sup>c</sup> .....	2.6	4.3	2.4	0.3	-3.0	-2.1	-0.4	1.0	1.4	1.1	2.0	1.1	1.3	1.2	0.7
Denmark .....	0.4	-0.7	-0.7	-0.7	-0.6	-0.8	-1.5	1.4	0.5	0.7	1.2	1.2	1.1	0.7	0.6
Sweden .....	0.8	1.4	1.5	1.0	-2.0	-4.3	-5.3	-0.8	1.4	-0.6	-1.1	1.2	2.2	2.1	1.8
<b>European Union <sup>d</sup></b> .....	1.2	1.8	1.6	1.7	0.4	-1.2	-1.8	-0.2	0.7	0.6	1.0	1.6	1.6	1.7	1.1
Cyprus <sup>e</sup> .....	3.1	4.7	3.9	2.8	0.6	4.1	-0.1	2.8	3.4	1.0	-0.2	1.8	0.3	-	-
Iceland <sup>e</sup> .....	5.8	-3.0	-1.5	-1.1	-0.1	-1.4	-0.8	0.5	0.9	3.1	1.0	3.4	2.7	2.0	0.5
Israel .....	2.6	3.5	0.5	2.1	6.1	4.2	6.1	6.9	5.2	2.4	1.4	1.6	3.1	4.0	2.3
Malta <sup>f</sup> .....	5.9	2.5	0.9	0.8	2.5	1.0	0.5	-1.3	3.3	1.0	0.5	0.4	0.6	2.1	-2.6
Norway .....	2.0	-0.5	-2.8	-0.8	-0.7	-0.3	0.2	1.3	2.1	2.1	2.9	2.3	0.7	0.5	0.3
Switzerland .....	2.5	2.6	2.7	3.2	1.8	-1.5	-0.8	-0.3	0.3	0.1	0.1	1.0	0.7	1.1	1.2
Turkey .....	2.3	1.5	2.6	1.7	1.7	0.2	0.2	2.8	3.7	2.0	-2.5	2.8	2.2	2.7	-3.0
<b>Western Europe</b> .....	1.4	1.7	1.7	1.7	0.6	-1.0	-1.4	0.2	1.1	0.8	0.6	1.7	1.7	1.8	0.6
Canada .....	2.7	3.2	2.1	-	-1.8	-0.7	0.8	2.0	1.9	0.8	2.3	2.6	2.8	2.6	1.1
United States .....	2.6	2.3	2.0	1.3	-0.9	0.7	1.5	2.3	1.5	1.4	2.2	1.5	1.5	1.3	-0.1
<b>North America</b> .....	2.6	2.3	2.1	1.1	-1.0	0.5	1.4	2.3	1.5	1.4	2.3	1.6	1.7	1.4	-
Japan .....	0.4	1.2	1.5	1.7	2.0	1.1	0.4	0.1	0.2	0.5	1.1	-0.7	-0.8	-0.2	-0.2
<b>Total above</b> .....	1.6	1.9	1.8	1.5	0.3	-0.1	-0.1	0.9	1.1	0.9	1.3	1.3	1.3	1.3	0.3
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>g</sup></b> .....	0.9	1.7	1.4	1.6	0.5	-1.2	-1.4	-0.2	0.6	0.4	0.6	1.1	1.3	1.7	0.9
<b>Western Europe and North America</b> .....	1.9	2.0	1.8	1.5	0.0	-0.4	-0.2	1.1	1.3	1.0	1.3	1.7	1.7	1.6	0.4

**Source:** Eurostat, New Cronos Database; OECD, *National Accounts and Economic Outlook*, latest issues; national statistics.

**Note:** 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 Canada, Israel, Turkey, the United Kingdom and the United States; Austria (up to 1987); Portugal (up to 1990); Ireland, the Netherlands and Spain (up to 1994). All aggregates exclude Israel.

<sup>a</sup> West Germany, 1987-1991.

<sup>b</sup> Twelve countries above.

<sup>c</sup> Number of jobs.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> Full-time equivalent.

<sup>f</sup> Full-time occupied at the end of the year.

<sup>g</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.10

**Standardized unemployment rates<sup>a</sup> in western Europe, North America and Japan, 1987-2001**  
(Per cent of civilian labour force)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France .....	10.1	9.6	9.0	8.6	9.1	10.0	11.3	11.8	11.3	11.9	11.8	11.4	10.7	9.3	8.6
Germany <sup>b</sup> .....	6.3	6.2	5.6	4.8	4.2	6.6	7.9	8.4	8.2	8.9	9.9	9.3	8.6	7.9	7.9
Italy .....	9.6	9.7	9.7	8.9	8.5	8.7	10.1	11.0	11.5	11.5	11.6	11.7	11.2	10.4	9.5
Austria .....	3.8	3.6	3.1	3.2	3.5	3.6	3.9	3.8	3.9	4.4	4.4	4.5	3.9	3.7	3.6
Belgium .....	9.8	8.8	7.4	6.6	6.4	7.1	8.6	9.8	9.7	9.5	9.2	9.3	8.6	6.9	6.6
Finland .....	4.9	4.2	3.1	3.2	6.6	11.7	16.4	16.6	15.4	14.6	12.7	11.4	10.2	9.8	9.1
Greece .....	6.7	6.8	6.7	6.4	7.0	7.9	8.6	8.9	9.2	9.6	9.8	10.9	11.6	10.9	10.2
Ireland .....	16.6	16.2	14.7	13.4	14.7	15.4	15.6	14.3	12.3	11.7	9.9	7.5	5.6	4.2	3.8
Luxembourg .....	2.5	2.0	1.8	1.7	1.7	2.1	2.6	3.2	2.9	3.0	2.7	2.7	2.4	2.4	2.4
Netherlands .....	7.6	7.2	6.6	5.8	5.5	5.3	6.2	6.8	6.6	6.0	4.9	3.8	3.2	2.8	2.4
Portugal .....	7.2	5.8	5.2	4.8	4.2	4.3	5.6	6.9	7.3	7.3	6.8	5.1	4.5	4.1	4.1
Spain .....	20.4	19.4	17.1	16.1	16.2	18.3	22.5	23.9	22.7	22.0	20.6	18.6	15.7	14.0	13.0
<b>Euro area<sup>c</sup></b> .....	10.0	9.6	8.9	8.2	8.2	9.1	10.6	11.3	11.1	11.3	11.3	10.7	9.8	8.8	8.3
United Kingdom .....	10.3	8.5	7.1	6.9	8.6	9.8	10.2	9.4	8.5	8.0	6.9	6.2	5.9	5.4	5.1
Denmark .....	5.0	5.7	6.8	7.2	7.9	8.6	9.5	7.7	6.7	6.3	5.2	4.9	4.8	4.4	4.3
Sweden .....	2.2	1.8	1.6	1.7	3.1	5.6	9.1	9.4	8.8	9.6	9.9	8.3	7.2	5.9	5.1
<b>European Union<sup>d</sup></b> .....	9.7	9.1	8.3	7.7	8.2	9.2	10.5	10.9	10.5	10.6	10.4	9.8	9.0	8.1	7.6
Cyprus <sup>e</sup> .....	3.4	2.8	2.3	1.8	3.0	1.8	2.6	2.7	2.6	3.1	3.4	3.4	3.6	3.5	3.5
Iceland .....	0.5	0.6	1.6	1.8	2.6	4.3	5.3	5.4	4.9	3.8	3.9	2.7	2.1	2.3	1.4
Israel <sup>f</sup> .....	6.1	6.4	8.9	9.6	10.6	11.2	10.0	7.8	6.9	6.7	7.7	8.5	8.9	8.8	9.2
Malta <sup>g</sup> .....	4.4	4.0	3.7	3.8	3.6	4.0	4.5	4.1	3.8	4.4	5.0	5.1	5.3	4.5	4.9
Norway .....	2.1	3.2	5.0	5.3	5.6	6.0	6.1	5.5	5.0	4.9	4.1	3.3	3.3	3.5	3.6
Switzerland .....	0.7	0.6	0.5	0.5	2.0	3.1	4.0	3.8	3.5	3.9	4.2	3.5	3.0	2.6	2.6
Turkey <sup>f</sup> .....	8.3	8.4	8.7	8.2	7.9	7.9	7.6	8.1	6.9	6.1	6.4	6.8	7.6	6.6	7.9
<b>Western Europe</b> .....	9.3	8.8	8.1	7.6	8.0	8.9	10.0	10.4	9.9	9.9	9.7	9.2	8.6	7.7	7.5
Canada .....	8.8	7.8	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
United States .....	6.2	5.5	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
<b>North America</b> .....	6.5	5.7	5.5	5.8	7.1	7.8	7.3	6.5	6.0	5.8	5.3	4.9	4.5	4.3	5.0
Japan .....	2.8	2.3	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
<b>Total above</b> .....	7.2	6.6	6.2	6.0	6.7	7.4	7.8	7.8	7.4	7.4	7.1	6.8	6.5	6.0	6.2
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>h</sup></b> .....	9.0	8.4	7.7	7.1	7.2	8.5	9.6	9.9	9.6	9.8	9.9	9.5	8.9	8.1	7.7
<b>Western Europe and North America</b> .....	8.1	7.5	7.0	6.8	7.6	8.4	8.8	8.7	8.2	8.1	7.8	7.3	6.9	6.2	6.4

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

**Note:** All aggregates exclude Israel. Comparisons with previous years are limited by changes in methodology in Austria (1993), Iceland (1991), Israel (1995), Norway (1989), Switzerland (1991) and the United States (1994).

<sup>a</sup> Eurostat-OECD definition except for Austria (1987-1992), Cyprus, Iceland (1987-1990), Israel, Malta, Switzerland (1987-1990) and Turkey.

<sup>b</sup> West Germany, 1987-1991.

<sup>c</sup> Twelve countries above.

<sup>d</sup> Fifteen countries above.

<sup>e</sup> Registered unemployment rate, average of monthly data.

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

<sup>g</sup> Registered unemployment rate at the end of the year.

<sup>h</sup> France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.11

**Consumer prices in western Europe, North America and Japan, 1987-2001**  
(Percentage change over previous year)

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
France .....	3.3	2.7	3.5	3.5	3.2	2.4	2.1	1.7	1.8	2.0	1.2	0.8	0.5	1.7	1.6
Germany <sup>a</sup> .....	0.3	1.3	2.8	2.7	4.0	5.1	4.4	2.8	1.7	1.4	1.9	0.9	0.6	1.9	2.5
Italy .....	4.8	5.1	6.3	6.5	6.3	5.3	4.6	4.1	5.2	4.0	2.0	2.0	1.7	2.5	2.8
Austria .....	1.5	1.9	2.6	3.3	3.3	4.0	3.6	3.0	2.2	1.5	1.3	0.9	0.6	2.3	2.6
Belgium .....	1.6	1.2	3.1	3.4	3.2	2.4	2.8	2.4	1.5	2.1	1.6	0.9	1.1	2.5	2.5
Finland .....	4.1	5.1	6.6	6.1	4.3	2.9	2.2	1.1	0.8	0.6	1.2	1.4	1.2	3.4	2.6
Greece .....	16.4	13.5	13.7	20.4	19.5	15.9	14.4	10.9	8.9	8.2	5.5	4.8	2.6	3.2	3.4
Ireland .....	3.1	2.1	4.1	3.3	3.2	3.1	1.4	2.4	2.5	1.7	1.4	2.4	1.6	5.6	4.9
Luxembourg .....	-0.1	1.4	3.4	3.3	3.1	3.2	3.6	2.2	1.9	1.3	1.4	1.0	1.0	3.2	2.7
Netherlands .....	-0.7	0.7	1.1	2.4	3.2	3.2	2.6	2.8	1.9	2.0	2.2	2.0	2.2	2.5	4.5
Portugal .....	9.4	9.7	12.6	13.4	10.5	9.5	6.7	5.4	4.2	3.1	2.3	2.8	2.3	2.9	4.3
Spain .....	5.2	4.8	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
<b>Euro area <sup>b</sup></b> .....	2.6	3.0	4.3	4.6	4.8	4.7	4.0	3.2	3.0	2.6	1.9	1.4	1.2	2.4	2.7
United Kingdom .....	4.2	4.9	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
Denmark .....	4.0	4.5	4.8	2.6	2.4	2.1	1.3	2.0	2.1	2.1	2.2	1.8	2.5	2.9	2.4
Sweden .....	4.2	6.1	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
<b>European Union <sup>c</sup></b> .....	2.9	3.4	4.9	5.5	5.0	4.4	3.6	3.1	3.1	2.5	2.1	1.8	1.3	2.5	2.6
Cyprus .....	2.8	3.4	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
Iceland .....	18.3	25.7	20.8	15.5	6.8	4.0	4.1	1.6	1.6	2.3	1.8	1.7	3.2	5.1	6.4
Israel .....	19.9	16.3	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
Malta .....	0.5	0.9	0.9	3.0	2.5	1.6	4.1	4.1	4.0	2.5	3.2	2.2	2.1	2.3	2.9
Norway .....	8.7	6.7	4.5	4.1	3.4	2.3	2.3	1.4	2.4	1.3	2.6	2.3	2.3	3.1	3.0
Switzerland .....	1.4	1.9	3.1	5.4	5.9	4.0	3.3	0.9	1.8	0.8	0.5	0.0	0.8	1.6	1.0
Turkey .....	37.8	69.4	63.3	60.3	65.8	70.1	66.2	105.2	89.1	80.4	85.7	84.6	64.9	54.9	54.4
<b>Western Europe</b> .....	3.0	3.4	4.9	5.5	5.0	4.4	3.6	3.0	3.0	2.5	2.1	1.7	1.3	2.4	2.5
Canada .....	4.3	4.1	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
United States .....	3.6	4.1	4.8	5.4	4.2	3.0	3.0	2.6	2.8	3.0	2.3	1.6	2.2	3.4	2.8
<b>North America</b> .....	3.7	4.1	4.8	5.4	4.3	2.9	2.9	2.4	2.8	2.9	2.2	1.5	2.2	3.3	2.8
Japan .....	-	0.7	2.4	3.1	3.2	1.7	1.3	0.7	-0.1	0.1	1.8	0.6	-0.3	-0.7	-0.5
<b>Total above</b> .....	2.8	3.3	4.4	5.0	4.4	3.3	2.9	2.4	2.5	2.3	2.1	1.5	1.5	2.4	2.3
<i>Memorandum items:</i>															
<b>4 major west European economies <sup>d</sup></b> .....															
	2.7	3.1	4.7	5.2	4.7	4.2	3.3	2.7	2.9	2.4	2.1	1.7	1.0	2.3	2.2
<b>Western Europe and North America</b> .....															
	3.4	3.8	4.8	5.4	4.6	3.6	3.2	2.7	2.9	2.7	2.2	1.6	1.8	2.9	2.7

**Source:** National statistics.

**Note:** All aggregates exclude Israel and Turkey. Consumer price indexes for regional aggregates have been calculated as weighted averages of constituent country indices. Weights were derived from 1995 private final consumption expenditure converted from national currency units into a common currency using 1995 purchasing power parities.

<sup>a</sup> West Germany, 1987-1991.

<sup>b</sup> Twelve countries above.

<sup>c</sup> Fifteen countries above.

<sup>d</sup> France, Germany, Italy and the United Kingdom.

## APPENDIX TABLE B.1

Real GDP/NMP in eastern Europe, the Baltic states and the CIS, 1980, 1988-2001  
(Indices, 1989=100)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	88.7	100.8	100.0	93.2	82.9	79.3	79.0	82.1	86.9	90.2	92.1	94.0	95.6	99.1	102.1
Albania .....	79.4	91.0	100.0	90.0	64.8	60.1	65.9	71.4	80.9	88.2	82.0	88.6	95.0	102.4	109.5
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bulgaria .....	76.2	101.9	100.0	90.9	83.3	77.2	76.1	77.5	79.7	71.6	66.6	68.9	70.6	74.7	78.3
Croatia .....	99.0	101.6	100.0	92.9	73.3	64.7	59.5	63.0	67.3	71.3	76.2	78.1	77.8	80.7	84.2
Czech Republic .....	..	95.7	100.0	98.8	87.3	86.9	86.9	88.9	94.1	98.2	97.4	96.3	95.9	98.7	102.2
Hungary .....	86.3	99.3	100.0	96.5	85.0	82.4	81.9	84.4	85.6	86.8	90.7	95.1	99.1	104.3	108.3
Poland .....	91.1	99.8	100.0	88.4	82.2	84.4	87.6	92.1	98.6	104.5	111.7	117.1	121.8	126.7	128.1
Romania .....	88.5	106.2	100.0	94.4	82.2	75.0	76.2	79.2	84.8	88.2	82.8	78.8	77.9	79.3	83.5
Slovakia .....	..	99.0	100.0	97.5	83.3	77.9	75.1	78.7	84.0	89.3	94.8	98.7	100.6	102.8	106.2
Slovenia .....	98.9	100.5	100.0	91.9	83.7	79.1	81.4	85.7	89.3	92.4	96.6	100.3	105.5	110.4	113.7
The former Yugoslav Republic of Macedonia .....	93.3	98.1	100.0	89.8	84.3	78.7	72.8	71.6	70.8	71.6	72.6	75.1	78.4	82.0	78.2
Yugoslavia <sup>a</sup> .....	95.7	98.8	100.0	92.1	81.4	58.7	40.6	41.7	44.2	46.8	50.3	51.5	42.4	45.1	47.9
<b>Baltic states</b> .....	67.8	96.0	100.0	97.8	89.9	67.9	58.2	55.2	56.5	58.8	63.7	66.7	65.6	69.2	73.4
Estonia .....	74.5	93.8	100.0	91.9	82.7	71.0	65.0	63.7	66.6	69.2	76.5	80.3	79.8	85.3	89.8
Latvia .....	68.5	93.6	100.0	102.9	92.2	60.1	51.1	51.5	51.0	52.7	57.3	59.5	60.1	64.3	69.1
Lithuania .....	64.7	98.4	100.0	96.7	91.2	71.8	60.2	54.3	56.1	58.7	63.0	66.2	63.6	66.1	69.9
<b>CIS<sup>b</sup></b> .....	77.5	98.1	100.0	96.8	90.9	78.0	70.4	60.3	56.9	55.0	55.6	54.0	56.4	61.1	64.9
Armenia .....	73.5	92.2	100.0	94.5	83.4	48.6	44.3	46.7	49.9	52.8	54.6	58.6	60.5	64.1	70.3
Azerbaijan .....	79.6	109.7	100.0	88.3	87.7	67.9	52.2	41.9	37.0	37.4	39.6	43.6	46.8	52.0	57.1
Belarus .....	65.7	92.4	100.0	98.1	96.9	87.6	81.0	70.8	63.4	65.2	72.6	78.7	81.4	86.1	89.6
Georgia .....	79.4	103.6	100.0	84.9	67.0	36.9	26.1	23.4	24.0	26.7	29.5	30.3	31.2	31.9	33.3
Kazakhstan .....	87.0	100.1	100.0	99.0	88.2	83.5	75.8	66.2	60.8	61.1	62.1	60.9	62.6	68.7	77.8
Kyrgyzstan .....	69.1	95.6	100.0	104.8	96.5	83.2	70.3	56.2	53.1	56.9	62.5	63.9	66.2	69.8	73.5
Republic of Moldova .....	72.1	91.9	100.0	97.6	80.5	57.2	56.5	39.0	38.5	36.2	36.8	34.4	33.2	34.0	36.0
Russian Federation .....	78.1	98.4	100.0	97.0	92.2	78.8	71.9	62.8	60.2	58.2	58.7	55.8	58.8	64.1	67.3
Tajikistan .....	80.8	06.9	100.0	100.2	91.7	62.1	52.0	40.9	35.8	29.8	30.3	32.0	33.1	35.9	39.5
Turkmenistan .....	80.7	07.5	100.0	101.8	97.0	82.5	83.7	69.2	64.2	68.5	60.7	65.0	76.0	89.4	107.7
Ukraine .....	75.0	95.2	100.0	96.4	88.0	79.3	68.0	52.4	46.0	41.4	40.2	39.4	39.3	41.6	45.4
Uzbekistan .....	76.0	97.0	100.0	99.2	98.7	87.7	85.7	81.2	80.5	81.9	86.1	89.9	93.9	97.6	102.0
<b>Total above</b> .....	80.3	98.7	100.0	95.9	88.8	78.1	72.4	65.9	64.8	64.3	65.3	64.7	66.9	71.2	74.8
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	88.6	99.6	100.0	93.3	84.1	83.8	85.0	88.5	93.5	97.9	102.4	105.8	109.0	113.2	115.9
<b>SETE-7</b> .....	88.8	102.9	100.0	93.1	80.8	71.4	68.5	70.9	75.3	76.7	74.1	73.2	71.9	74.4	78.1
Former GDR .....	..	..	100.0	84.5	68.3	73.3	80.1	87.9	91.9	94.9	96.7	97.7	99.0	101.1	100.4

**Source:** UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics; *DIW Wochenbericht*, No. 43 (Vienna), 2001 for the former GDR since 1998.

**Note:** Data for the east European countries are based on a GDP measure, except where otherwise mentioned. For the countries of the former Soviet Union, NMP data for 1980-1990 were chain-linked to GDP data from 1990. Country indices were aggregated with previous year PPP-based weights obtained from the European Comparison Programme for 1996.

<sup>a</sup> Gross material product (1980-1989 for Croatia). Yugoslavia: since 1999, without Kosovo and Metohia.

<sup>b</sup> Net material product for 1980-1990 (until 1992 in the case of Turkmenistan).

APPENDIX TABLE B.2

**Real total consumption expenditure in eastern Europe, the Baltic states and the CIS, 1980, 1988-2001**  
(Indices, 1989=100 or earliest year available thereafter)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Bulgaria .....	..	..	100.0	100.6	92.3	89.4	86.2	82.3	80.7	75.3	64.0	68.8	72.0	75.3	..
Croatia .....	..	..	..	..	100.0	87.2	85.3	92.0	106.6	106.5	117.1	118.2	116.2	119.3	..
Czech Republic .....	..	93.1	100.0	104.9	85.5	88.4	90.2	94.5	97.2	103.7	104.3	102.1	103.5	104.6	107.3
Hungary .....	92.2	102.0	100.0	97.3	92.2	92.8	97.9	95.6	89.3	86.1	88.1	91.7	95.6	99.4	..
Poland .....	108.0	114.7	100.0	88.3	94.9	98.2	103.0	107.0	110.5	118.4	125.6	130.8	136.6	139.9	142.4
Romania .....	83.9	90.6	100.0	108.9	96.0	90.7	91.8	95.3	105.5	112.9	108.1	109.3	106.5	107.7	113.8
Slovakia .....	..	92.1	100.0	103.3	76.9	75.6	74.2	72.2	74.4	83.0	87.2	91.8	89.8	87.4	91.2
Slovenia .....	..	..	..	100.0	91.6	88.8	99.1	102.6	110.2	112.7	116.3	120.9	127.7	129.5	..
The former Yugoslav Republic of Macedonia .....	..	..	..	100.0	93.9	84.2	89.7	95.9	94.3	96.5	98.5	101.8	105.6	..	..
Estonia .....	..	..	..	..	..	..	100.0	102.1	110.9	116.7	124.7	131.1	131.9	139.7	..
Latvia .....	..	..	..	100.0	76.7	49.2	46.5	47.4	47.0	50.8	52.7	56.0	58.2	60.4	..
Lithuania .....	..	..	..	..	..	..	..	..	100.0	108.2	116.4	125.4	122.4	126.8	..
Armenia .....	..	..	..	100.0	97.4	84.9	66.4	68.9	74.5	76.8	81.7	85.4	85.7	91.1	..
Azerbaijan .....	..	..	..	..	..	100.0	77.4	62.2	60.4	65.3	72.2	80.4	88.1	96.9	..
Belarus .....	..	..	..	100.0	93.5	84.1	78.8	70.0	63.4	65.7	72.3	80.9	87.7	94.2	..
Georgia .....	..	..	..	100.0	79.2	77.1	45.4	42.4	46.1	..	..	..	..	..	..
Kazakhstan .....	..	..	..	100.0	96.8	96.2	84.9	67.7	55.0	51.3	51.8	50.4	51.1	54.7	..
Kyrgyzstan .....	..	..	..	100.0	83.5	72.8	64.3	51.8	43.4	46.2	42.4	48.8	49.3	47.9	..
Republic of Moldova .....	..	..	..	..	..	..	100.0	82.6	90.3	99.7	111.5	109.3	92.0	107.8	117.5
Russian Federation .....	..	..	..	100.0	93.9	89.0	88.1	85.4	83.1	80.5	82.9	81.7	79.7	85.6	90.9
Ukraine .....	..	..	..	100.0	94.7	88.7	72.1	65.1	62.7	57.5	56.4	56.4	54.3	55.4	60.3

Source: UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

APPENDIX TABLE B.3

**Real gross fixed capital formation in eastern Europe, the Baltic states and the CIS, 1980, 1988-2001**  
(Indices, 1989=100 or earliest year available thereafter)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Bulgaria .....	..	..	..	100.0	80.0	74.1	61.2	61.9	71.8	56.6	43.0	57.2	71.7	77.6	..
Croatia .....	..	..	..	..	100.0	88.5	94.5	93.6	108.2	148.8	183.5	189.1	187.0	180.5	..
Czech Republic .....	..	99.4	100.0	97.9	71.1	82.8	83.0	90.5	108.5	117.3	113.9	114.0	113.3	118.1	126.4
Hungary .....	114.7	100.6	100.0	92.9	83.1	81.0	82.6	92.9	88.9	94.8	103.6	117.3	124.2	133.8	..
Poland .....	124.6	126.5	100.0	75.2	71.9	73.6	75.7	82.6	96.2	115.2	140.1	160.0	170.9	175.5	157.5
Romania .....	163.7	157.6	100.0	64.4	44.0	48.9	52.9	63.9	68.3	72.2	73.4	69.2	65.9	68.9	73.5
Slovakia .....	..	..	..	100.0	74.8	71.5	67.7	64.3	67.7	89.4	100.1	111.2	90.3	89.7	100.1
Slovenia .....	..	..	..	100.0	88.5	77.1	85.4	97.4	113.8	123.9	138.2	153.9	183.2	183.6	..
The former Yugoslav Republic of Macedonia .....	..	..	..	100.0	95.8	79.9	73.6	67.3	74.1	79.0	75.6	73.6	72.5	..	..
Estonia .....	..	..	..	..	..	..	100.0	106.2	110.5	123.1	144.6	161.0	137.5	140.2	..
Latvia .....	..	..	..	100.0	36.1	25.7	21.6	21.8	23.7	29.0	35.0	50.4	48.4	58.0	..
Lithuania .....	..	..	..	..	..	..	..	..	100.0	117.6	143.6	157.8	147.9	142.2	..
Armenia .....	..	..	..	100.0	67.0	8.6	7.9	11.5	9.5	10.5	10.7	12.0	12.1	13.5	..
Azerbaijan .....	..	..	..	..	..	100.0	61.0	115.3	94.5	199.8	333.7	483.9	474.2	486.5	..
Belarus .....	..	..	..	100.0	104.2	84.8	78.3	67.6	47.6	46.1	56.2	61.8	59.3	60.7	..
Georgia .....	..	..	..	100.0	67.3	49.2	18.5	133.4	219.9	..	..	..	..	..	..
Kazakhstan .....	..	..	..	100.0	74.2	61.9	44.2	39.2	24.3	18.5	19.1	17.8	17.9	20.4	..
Kyrgyzstan .....	..	..	..	100.0	89.4	63.2	49.4	35.1	56.4	49.1	34.6	34.0	43.6	55.3	..
Republic of Moldova .....	..	..	..	..	..	..	100.0	56.5	50.8	63.8	60.4	66.0	50.8	46.4	44.9
Russian Federation .....	..	..	..	100.0	84.5	49.4	36.7	27.1	25.1	20.8	19.1	17.3	18.2	20.8	22.5
Ukraine .....	..	..	..	100.0	79.1	67.4	46.8	27.6	19.1	14.8	15.1	15.5	15.5	17.4	18.8

Source: UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

APPENDIX TABLE B.4

**Real gross industrial output in eastern Europe, the Baltic states and the CIS, 1980, 1988-2001**  
(Indices, 1989=100)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	82.8	100.6	100.0	85.9	70.2	63.0	61.5	65.5	70.3	73.9	77.5	78.6	78.8	85.4	88.2
Albania .....	77.0	95.2	100.0	86.7	50.4	35.2	31.7	25.8	23.9	18.1	18.6	22.7	26.3	29.4	23.6
Bosnia and Herzegovina .....	106.0	98.1	100.0	101.8	76.9	25.5	2.0	1.7	2.8	5.2	7.0	8.7	9.6	10.5	11.8
Bulgaria .....	71.3	101.1	100.0	83.2	66.4	54.2	48.8	54.0	56.4	59.3	53.4	49.1	44.6	47.1	47.5
Croatia .....	88.7	100.6	100.0	88.7	63.4	54.2	51.0	49.6	49.7	51.3	54.8	56.8	56.0	57.0	60.4
Czech Republic .....	81.5	98.5	100.0	96.6	75.7	69.8	66.1	67.4	73.3	74.8	78.1	79.4	76.9	81.1	86.6
Hungary .....	92.9	105.3	100.0	90.7	74.0	66.8	69.5	76.2	79.7	82.4	91.5	103.0	113.7	135.0	140.5
Poland .....	86.3	100.5	100.0	75.8	69.7	71.7	76.3	85.5	93.8	101.6	113.3	117.3	121.5	129.6	129.6
Romania .....	76.9	101.9	100.0	81.9	63.3	49.4	50.1	51.7	56.6	60.1	55.8	48.1	47.1	50.9	55.1
Slovakia .....	76.7	100.8	100.0	94.0	75.9	68.6	66.1	69.3	75.1	76.9	77.9	80.9	78.5	85.8	90.6
Slovenia .....	90.3	98.9	100.0	89.5	78.4	68.1	66.1	70.4	71.8	72.5	73.2	75.9	75.6	80.2	82.6
The former Yugoslav															
Republic of Macedonia .....	72.1	95.6	100.0	89.4	74.0	62.3	53.7	48.0	42.9	44.3	45.0	47.0	45.8	47.4	42.6
Yugoslavia .....	80.0	98.4	100.0	88.0	72.5	57.0	35.7	36.2	37.6	40.4	44.2	45.8	35.2	39.2	39.2
<b>Baltic states</b> .....	72.1	96.6	100.0	98.6	95.1	64.7	44.4	36.3	37.1	38.9	42.1	44.6	41.0	43.9	49.4
Estonia .....	78.5	99.3	100.0	100.0	92.8	59.8	48.6	47.1	48.0	49.4	56.6	59.0	57.0	64.4	69.2
Latvia .....	72.5	97.1	100.0	100.8	100.2	65.6	44.6	40.1	38.7	40.8	46.4	47.9	45.3	47.4	51.4
Lithuania .....	70.0	95.6	100.0	97.4	94.0	65.8	43.2	31.7	33.4	35.0	36.2	39.2	34.8	36.6	42.8
<b>CIS</b> .....	73.4	98.2	100.0	99.9	93.1	78.2	68.4	53.6	50.7	49.0	50.3	48.7	53.2	59.4	63.3
Armenia .....	76.3	109.1	100.0	92.5	85.4	44.2	39.5	41.6	42.2	42.8	43.2	42.3	44.6	47.4	49.2
Azerbaijan .....	76.1	99.3	100.0	93.7	85.4	59.4	47.7	35.9	28.2	26.3	26.4	27.0	28.0	29.9	31.4
Belarus .....	61.1	95.6	100.0	102.1	101.1	91.8	83.2	71.0	62.7	64.9	77.1	86.7	95.6	103.0	108.6
Georgia .....	70.6	99.3	100.0	94.3	73.0	39.6	25.0	15.2	13.2	14.1	15.2	15.0	16.1	17.1	16.9
Kazakhstan .....	72.4	97.6	100.0	99.2	98.3	84.7	72.2	51.9	47.7	47.8	49.7	48.5	49.8	57.5	65.3
Kyrgyzstan .....	66.7	95.1	100.0	99.4	99.1	73.5	56.3	35.5	26.7	27.8	38.8	40.9	39.1	41.4	43.7
Republic of Moldova .....	68.7	94.6	100.0	103.2	91.7	66.9	67.1	48.5	46.6	43.6	43.6	37.0	32.7	35.3	40.3
Russian Federation .....	74.4	98.6	100.0	99.9	91.9	75.4	64.7	51.2	49.5	47.5	48.5	46.0	51.0	57.1	59.9
Tajikistan .....	72.9	98.2	100.0	101.2	97.6	73.9	68.1	50.8	43.9	33.4	32.7	35.4	37.4	41.2	47.4
Turkmenistan .....	75.4	96.9	100.0	103.2	108.2	92.0	95.7	72.1	67.5	81.0	63.1	64.4	74.1	96.3	106.9
Ukraine .....	72.6	97.3	100.0	99.9	95.1	89.0	81.9	59.5	52.4	49.7	49.6	49.1	51.0	57.4	65.5
Uzbekistan .....	68.5	96.5	100.0	101.8	103.3	96.4	99.9	101.5	101.6	104.2	108.5	112.4	119.2	126.9	134.2
<b>Total above</b> .....	76.5	99.0	100.0	95.2	85.4	72.7	65.5	57.2	57.0	57.1	59.2	58.7	61.5	67.8	71.4
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	85.4	100.7	100.0	87.0	73.3	69.8	70.6	76.3	82.4	86.5	93.7	97.8	100.2	108.9	112.0
<b>SETE-7</b> .....	78.6	100.6	100.0	84.1	65.4	52.0	47.0	48.3	51.1	53.9	51.8	48.0	44.9	48.1	50.2
Former GDR .....	75.2	97.7	100.0	72.7	37.0	34.7	34.9	38.1	39.9	41.7	44.6	48.2	51.7	57.2	59.3

**Source:** UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

**Note:** For the countries of the former Soviet Union, Soviet data for 1980-1990 were chain-linked to national or CIS data from 1990. Country indices were aggregated with previous year PPP-based weights on the basis of data obtained from the European Comparison Programme for 1996.



APPENDIX TABLE B.5

**Total employment in eastern Europe, the Baltic states and the CIS, 1980, 1988-2001**  
(Indices, 1989=100)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	96.7	99.9	100.0	97.1	90.7	85.4	82.7	82.6	82.3	82.9	83.0	83.3	81.2	80.3	..
Albania .....	77.9	97.6	100.0	99.2	97.5	76.0	72.7	80.7	80.4	77.5	76.9	75.4	74.0	74.2	..
Bosnia and Herzegovina .....	..	..	100.0	97.1	58.1	22.1	9.9	9.1	10.1	22.5	34.4	36.4	37.6	37.9	..
Bulgaria .....	100.0	102.4	100.0	93.9	81.6	75.0	73.8	74.3	75.2	75.3	72.3	72.2	70.7	67.4	..
Croatia .....	87.4	100.4	100.0	97.1	89.2	79.3	76.6	74.8	73.9	74.5	73.9	78.8	78.5	77.6	..
Czech Republic .....	95.3	99.4	100.0	99.1	93.6	91.2	89.7	90.4	92.8	93.4	91.6	90.4	88.1	86.3	..
Hungary <sup>a</sup> .....	104.2	100.7	100.0	96.7	86.7	78.1	73.2	71.8	70.4	69.8	69.8	70.7	72.9	73.6	73.8
Poland .....	102.0	100.1	100.0	95.8	90.1	86.3	84.3	85.1	86.7	88.3	90.8	92.9	90.4	88.3	..
Romania <sup>b</sup> .....	94.6	98.7	100.0	99.0	98.5	95.5	91.9	91.5	86.7	85.7	82.4	80.5	76.9	78.8	..
Slovakia <sup>c</sup> .....	90.8	99.8	100.0	98.2	85.9	86.8	87.7	84.0	85.7	88.6	88.1	87.8	85.1	83.9	..
Slovenia .....	84.0	101.3	100.0	96.1	88.7	83.8	81.3	79.3	79.1	78.7	78.6	78.7	80.2	81.2	..
The former Yugoslav															
Republic of Macedonia .....	81.2	99.7	100.0	98.2	90.7	86.4	81.5	76.6	69.0	65.8	61.8	60.1	61.1	60.3	..
Yugoslavia .....	83.4	99.8	100.0	97.0	94.1	90.9	88.3	86.5	85.3	84.8	89.9	89.7	82.4	80.2	80.3
<b>Baltic states</b> .....	..	99.6	100.0	98.5	98.9	94.4	89.0	83.2	80.6	80.1	80.9	80.5	79.5	77.9	..
Estonia .....	..	97.6	100.0	98.6	96.4	91.4	84.5	82.7	78.3	77.0	77.4	76.4	73.3	72.6	73.4
Latvia .....	97.0	100.5	100.0	100.1	99.3	92.0	85.6	77.0	74.3	72.3	73.7	74.1	73.8	73.8	..
Lithuania .....	93.4	99.8	100.0	97.3	99.7	97.5	93.4	88.0	86.4	87.2	87.7	87.0	86.6	83.3	..
<b>CIS</b> .....	93.8	98.8	100.0	100.2	98.9	96.6	94.2	91.4	90.5	89.7	88.6	87.7	87.2	..	..
Armenia .....	86.6	101.4	100.0	102.4	105.0	99.2	97.0	93.5	92.8	90.2	86.2	84.0	81.6	80.3	80.4
Azerbaijan .....	62.7	..	100.0	100.9	101.7	101.4	101.2	98.9	98.4	100.5	100.7	100.9	100.9	100.9	101.2
Belarus .....	95.4	99.5	100.0	99.1	96.6	94.1	92.9	90.4	84.8	84.0	84.1	85.0	85.5	85.4	85.3
Georgia .....	92.7	101.1	100.0	102.3	93.3	73.5	66.4	64.8	79.0	75.4	82.7	84.6	77.0	..	..
Kazakhstan .....	86.2	96.0	100.0	101.3	100.1	98.3	89.9	85.4	85.0	84.6	84.0	79.5	79.2	80.5	82.6
Kyrgyzstan .....	81.9	98.7	100.0	100.5	99.6	105.6	96.6	94.6	94.4	95.0	97.1	98.0	101.5	101.7	102.0
Republic of Moldova <sup>d</sup> .....	97.3	98.9	100.0	99.1	99.0	80.7	80.7	80.4	80.0	79.4	78.7	78.5	71.5	72.5	71.7
Russian Federation .....	96.9	99.9	100.0	99.6	97.7	95.3	93.7	90.6	87.8	87.2	85.6	84.4	84.6	85.1	86.0
Tajikistan .....	76.7	96.9	100.0	103.2	104.9	101.6	98.7	98.7	98.6	92.1	95.3	95.6	92.5	92.9	93.7
Turkmenistan .....	79.8	101.2	100.0	103.4	107.0	110.5	114.0	118.5	122.5	124.7	127.2	128.8	133.6	..	..
Ukraine .....	99.7	100.0	100.0	100.0	98.3	96.4	94.2	90.6	93.3	91.4	88.9	87.9	85.9	83.7	82.6
Uzbekistan .....	75.4	95.9	100.0	104.2	109.2	108.7	108.5	109.9	110.8	112.3	113.8	115.4	116.5	117.8	..
<b>Total above</b> .....	94.6	99.1	100.0	99.3	96.6	93.4	90.9	88.8	88.0	87.6	86.9	86.3	85.4	..	..
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	99.7	100.1	100.0	96.7	89.8	85.8	83.6	83.5	84.7	85.8	86.8	87.9	86.3	84.9	..
<b>SETE-7</b> .....	92.3	99.7	100.0	97.6	91.9	84.9	81.5	81.4	79.0	78.8	77.7	77.0	74.1	74.1	..

Source: UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

<sup>a</sup> End of year, up to 1992; since 1992, annual average.

<sup>b</sup> End of year.

<sup>c</sup> End of year, up to 1993; since 1993, annual average.

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

APPENDIX TABLE B.6

**Employment in industry in eastern Europe, the Baltic states and the CIS, 1989-2001**  
(Indices, 1989=100)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe<sup>a</sup></b> .....	100.0	95.6	86.7	76.7	71.9	69.5	68.6	68.3	66.2	65.0	60.8	..	..
Albania .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	100.0	98.3	60.3	23.3	8.3	9.2	18.7	22.0	26.8	28.9	28.9	28.9	..
Bulgaria .....	100.0	91.0	74.7	64.8	59.5	57.3	56.0	55.4	53.0	50.8	46.1	41.2	..
Croatia .....	100.0	102.4	84.8	70.3	70.4	67.3	59.5	59.0	56.6	60.0	58.3	56.7	..
Czech Republic .....	100.0	95.8	92.2	85.1	80.9	76.6	77.0	76.4	76.1	74.9	72.5	70.6	..
Hungary .....	100.0	97.0	85.4	77.3	69.1	66.0	62.5	61.9	63.0	65.9	66.4	65.6	66.8
Poland .....	100.0	93.7	86.1	76.7	74.4	73.8	76.2	75.6	75.8	75.0	69.5	65.3	..
Romania <sup>b</sup> .....	100.0	96.5	91.6	79.5	73.0	69.4	65.4	66.0	59.0	55.8	49.5	48.3	..
Slovakia .....	100.0	95.7	88.2	78.7	74.0	71.7	71.6	71.6	70.2	67.3	65.4	63.3	..
Slovenia .....	100.0	95.1	85.2	84.6	78.1	75.1	72.2	71.5	68.5	67.8	66.7	66.3	..
The former Yugoslav													
Republic of Macedonia .....	100.0	95.3	87.3	81.6	77.5	72.9	63.1	59.0	54.4	52.5	55.4	52.9	..
Yugoslavia .....	100.0	100.9	92.1	87.2	85.0	82.7	80.6	78.8	76.3	73.8	66.3	..	..
<b>Baltic states</b> .....	100.0	96.8	95.5	87.0	74.2	63.0	60.8	58.0	57.7	55.8	54.0	54.2	..
Estonia .....	100.0	96.9	93.0	85.8	73.6	70.7	76.4	73.0	68.8	67.5	63.4	65.6	65.7
Latvia .....	100.0	97.0	92.1	81.4	69.0	56.3	53.1	50.1	51.9	47.6	45.7	46.7	..
Lithuania .....	100.0	96.7	99.0	91.4	78.0	64.5	59.5	57.0	57.1	56.5	55.7	54.6	..
<b>CIS</b> .....	100.0	98.2	96.7	91.8	88.3	79.7	73.2	69.2	63.9	62.6	..	..	..
Armenia .....	100.0	102.6	95.0	84.0	75.2	73.7	62.8	52.9	47.5	43.4	40.5	37.3	37.3
Azerbaijan .....	100.0	97.1	94.9	88.9	81.1	77.4	72.9	58.6	50.1	52.0	53.6	51.6	52.0
Belarus .....	100.0	98.6	96.9	92.1	88.5	84.4	75.2	74.4	74.5	75.5	76.2	75.9	75.7
Georgia .....	100.0	104.2	92.6	66.0	56.5	51.6	46.8	33.6	25.8	26.4	..	..	..
Kazakhstan .....	100.0	98.5	99.9	96.2	83.6	76.9	69.6	66.9	59.0	57.8	57.9	54.7	51.2
Kyrgyzstan .....	100.0	99.9	92.7	89.5	80.5	72.0	61.2	54.6	51.2	50.1	47.4	44.0	43.2
Republic of Moldova <sup>c</sup> .....	100.0	102.4	95.1	93.1	55.0	52.1	44.7	43.8	42.9	40.8	35.9	36.1	37.0
Russian Federation .....	100.0	97.7	96.1	91.3	89.8	80.7	74.0	70.4	64.5	63.1	62.6	64.0	64.9
Tajikistan .....	100.0	102.5	100.8	98.2	86.1	81.9	71.9	71.1	62.5	60.1	52.3	47.7	47.6
Turkmenistan .....	100.0	104.2	100.8	101.0	110.7	110.5	115.4	119.9	132.9	150.2	152.9	..	..
Ukraine .....	100.0	98.1	97.3	92.7	87.9	78.3	72.2	66.8	61.2	59.3	54.4	51.3	51.0
Uzbekistan .....	100.0	101.5	102.5	101.5	103.2	90.1	92.3	93.5	93.7	94.1	94.9	..	..
<b>Total above<sup>a</sup></b> .....	100.0	97.4	93.5	86.9	82.8	76.1	71.5	68.7	64.5	63.3	..	..	..
<i>Memorandum items:</i>													
<b>CETE-5</b> .....	100.0	94.9	87.5	79.1	75.1	73.0	73.6	73.1	73.1	72.6	69.2	66.4	..
<b>SETE-7<sup>a</sup></b> .....	100.0	96.5	85.9	73.8	68.2	65.3	62.5	62.4	58.1	56.0	50.7	..	..

**Source:** UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

<sup>a</sup> Excluding Albania.

<sup>b</sup> End of year.

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

APPENDIX TABLE B.7

**Registered unemployment in eastern Europe, the Baltic states and the CIS, 1990-2001**  
(Per cent of labour force, end of period)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	..	9.6	12.4	14.0	13.6	12.5	11.7	11.9	12.6	14.6	15.2	..
Albania .....	9.5	9.2	27.0	22.0	18.0	12.9	12.3	14.9	17.6	18.2	16.9	15.0*
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	39.0	38.7	39.0	39.4	40.0*
Bulgaria .....	1.8	11.1	15.3	16.4	12.8	11.1	12.5	13.7	12.2	16.0	17.9	17.3
Croatia .....	..	14.1	17.8	16.6	17.3	17.6	15.9	17.6	18.6	20.8	22.6	23.1
Czech Republic .....	0.7	4.1	2.6	3.5	3.2	2.9	3.5	5.2	7.5	9.4	8.8	8.9
Hungary .....	1.7	7.4	12.3	12.1	10.9	10.4	10.5	10.4	9.1	9.6	8.9	8.0
Poland .....	6.5	12.2	14.3	16.4	16.0	14.9	13.2	10.3	10.4	13.1	15.1	17.4
Romania .....	1.3	3.0	8.2	10.4	10.9	9.5	6.6	8.8	10.3	11.5	10.5	8.6
Slovakia .....	1.6	11.8	10.4	14.4	14.8	13.1	12.8	12.5	15.6	19.2	17.9	18.6
Slovenia .....	..	10.1	13.3	15.5	14.2	14.5	14.4	14.8	14.6	13.0	12.0	11.8
The former Yugoslav												
Republic of Macedonia .....	..	24.5	26.2	27.7	30.0	36.6	38.8	41.7	41.4	43.8	44.9	..
Yugoslavia <sup>a</sup> .....	..	21.0	24.6	24.0	23.9	24.7	26.1	25.6	27.2	27.4	26.6	27.9
<b>Baltic states</b> .....	..	..	2.1	4.5	5.3	6.6	6.4	6.3	7.3	9.1	10.0	10.1
Estonia <sup>b</sup> .....	..	..	1.6	5.0	5.1	5.0	5.6	4.6	5.1	6.7	7.3	7.2
Latvia .....	..	..	2.3	5.8	6.5	6.6	7.2	7.0	9.2	9.1	7.8	7.7
Lithuania .....	..	..	3.5	3.4	4.5	7.3	6.2	6.7	6.9	10.0	12.6	12.9
<b>CIS</b> .....	..	..	2.7	3.6	4.4	5.8	6.6	7.6	9.0	8.3	7.0	6.2
Armenia .....	..	..	3.5	6.3	6.0	8.1	9.7	11.0	8.9	11.5	10.9	9.8
Azerbaijan .....	..	..	0.2	0.7	0.9	1.1	1.1	1.3	1.4	1.2	1.2	1.3
Belarus .....	..	..	0.5	1.3	2.1	2.7	4.0	2.8	2.3	2.0	2.1	2.3
Georgia .....	..	..	0.3	2.0	3.8	3.4	3.2	8.0	4.2	5.6	..	..
Kazakhstan .....	..	..	0.4	0.6	1.0	2.1	4.1	3.9	3.7	3.9	3.7	2.8
Kyrgyzstan .....	..	..	0.1	0.2	0.8	3.0	4.5	3.1	3.1	3.0	3.1	3.1
Republic of Moldova .....	..	..	0.7	0.7	1.0	1.4	1.5	1.7	1.9	2.1	1.8	1.7
Russian Federation <sup>c</sup> .....	..	..	5.2	6.1	7.8	9.0	10.0	11.2	13.3	12.2	9.8	9.0
Tajikistan .....	..	..	0.4	1.1	1.8	1.8	2.4	2.8	2.9	3.1	3.0	2.6
Turkmenistan .....	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine .....	..	..	0.3	0.4	0.3	0.6	1.5	2.8	4.3	4.3	4.2	3.7
Uzbekistan .....	..	..	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.4
<i>Memorandum items:</i>												
<b>CETE-5</b> .....	..	9.7	11.3	13.3	12.9	12.0	11.2	9.8	10.2	12.5	13.4	14.6
<b>SETE-7</b> .....	..	9.3	14.2	15.1	14.6	13.7	12.5	14.3	15.4	17.1	17.8	..
Russian Federation <sup>d</sup> .....	..	0.1	0.8	1.1	2.1	3.2	3.4	2.8	2.7	1.7	1.4	1.6
Former-GDR .....	..	..	13.5	15.4	13.5	14.9	15.9	19.4	17.4	17.7	17.2	17.6

**Source:** UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics.

**Note:** Aggregates for eastern European countries till 1997 exclude Bosnia and Herzegovina, that for CIS excludes Turkmenistan.

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

<sup>b</sup> Job seekers till October 2000, thereafter – registered unemployed as percentage of the labour force.

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

<sup>d</sup> Registered unemployment.

## APPENDIX TABLE B.8

**Consumer prices in eastern Europe, the Baltic states and the CIS, 1990-2001**  
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Albania .....	..	35.5	193.1	85.0	21.5	8.0	12.7	33.1	20.3	-0.1	-	3.1
Bosnia and Herzegovina .....	594.0	116.2	64 218.3	38 825.1	553.5	- 12.1	- 21.2	11.8	4.9	-0.6	1.7	1.8
Bulgaria .....	23.8	338.5	91.3	72.9	96.2	62.0	121.7	1 058.3	18.7	2.6	10.2	7.3
Croatia <sup>a</sup> .....	597.1	124.2	663.6	1 516.6	97.5	2.0	3.6	3.7	5.9	4.3	6.4	5.0
Czech Republic .....	9.9	56.7	11.1	20.8	10.0	9.1	8.9	8.4	10.6	2.1	3.9	4.7
Hungary .....	28.9	35.0	23.0	22.6	19.1	28.5	23.6	18.4	14.2	10.1	9.9	9.2
Poland .....	585.8	70.3	45.3	36.9	33.2	28.1	19.8	15.1	11.7	7.4	10.2	5.5
Romania .....	5.1	170.2	210.7	256.2	137.1	32.2	38.8	154.9	59.3	45.9	45.7	34.5
Slovakia .....	10.4	61.2	10.2	23.1	13.4	10.0	6.1	6.1	6.7	10.5	12.0	7.3
Slovenia .....	551.6	115.0	207.3	31.7	21.0	13.5	9.9	8.4	8.1	6.3	9.0	8.6
The former Yugoslav												
Republic of Macedonia <sup>a</sup> .....	596.6	110.8	1 511.0	352.0	126.6	16.4	2.5	0.9	- 1.4	- 1.3	6.6	5.2
Yugoslavia .....	580.0	122.0	8 926.0	2.2E+14	7.9E+10	71.8	90.5	23.2	30.4	44.1	77.5	90.4
Estonia .....	18.0	202.0	1 078.2	89.6	47.9	28.9	23.1	11.1	10.6	3.5	3.9	5.8
Latvia .....	10.9	172.2	951.2	109.1	35.7	25.0	17.7	8.5	4.7	2.4	2.8	2.4
Lithuania .....	9.1	216.4	1 020.5	410.1	72.0	39.5	24.7	8.8	5.1	0.8	1.0	1.5
Armenia .....	6.9	174.1	728.7	3 731.8	4 964.0	175.5	18.7	13.8	8.7	0.7	-0.8	3.2
Azerbaijan .....	6.1	106.6	912.6	1 129.7	1 663.9	411.5	19.8	3.6	- 0.8	- 8.6	1.8	1.5
Belarus .....	4.7	94.1	971.2	1 190.9	2 219.6	709.3	52.7	63.9	73.2	293.7	168.9	61.4
Georgia .....	4.2	78.7	1 176.9	4 084.9	22 286.1	261.4	39.4	7.1	3.5	19.3	4.2	4.6
Kazakhstan .....	5.6	114.5	1 504.3	1 662.7	1 880.1	176.3	39.2	17.5	7.3	8.4	13.4	8.5
Kyrgyzstan .....	5.5	113.9	854.6	1 208.7	278.1	42.9	31.3	23.4	10.3	35.7	18.7	7.0
Republic of Moldova .....	5.7	114.4	1 308.0	1 751.0	486.4	29.9	23.5	11.8	7.7	39.3	31.3	9.8
Russian Federation .....	5.2	160.0	1 528.7	875.0	309.0	197.4	47.8	14.7	27.8	85.7	20.8	21.6
Tajikistan .....	5.9	112.9	822.0	2 884.8	350.3	682.1	422.4	85.4	43.1	27.5	32.9	38.6
Turkmenistan .....	5.7	88.5	483.2	3 128.4	2 562.1	1 105.3	714.0	83.7	16.8	..	..	..
Ukraine .....	5.4	94.0	1 485.8	4 734.9	891.2	376.7	80.2	15.9	10.6	22.7	28.2	12.0
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	..

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

**Note:** From 1992 onwards indices derived from monthly data except for Armenia, Georgia, Hungary, Slovenia and Yugoslavia (from 1993); Turkmenistan (from 1995); and Uzbekistan (from 1996); retail prices for Bulgaria and the CIS countries for 1989.

<sup>a</sup> Retail prices.

APPENDIX TABLE B.9

## Producer price indices in eastern Europe, the Baltic states and the CIS, 1990-2001

(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Albania .....	..	..	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	129.5	70 374.7	10 967.6	1 184.8	68.7	-4.8	3.2	3.6	4.3	0.9	2.3
Bulgaria .....	14.7	296.4	56.1	28.3	59.1	48.9	129.7	888.1	20.0	3.2	16.9	6.7
Croatia .....	455.3	146.3	826.0	1 510.4	77.7	0.8	1.3	3.7	-1.5	2.5	9.6	3.4
Czech Republic .....	2.5	70.4	10.8	9.3	5.1	7.7	4.9	5.1	4.9	1.1	5.1	3.0
Hungary .....	22.0	32.6	12.3	14.1	12.3	28.5	22.3	20.9	11.4	5.0	11.4	5.7
Poland .....	622.4	40.9	28.0	32.6	31.0	26.0	13.4	12.2	7.2	5.7	7.8	1.8
Romania .....	26.9	220.1	184.8	165.0	140.7	35.3	50.0	144.0	33.2	41.2	53.4	41.0
Slovakia .....	5.2	68.9	5.3	17.0	10.0	9.1	4.0	4.6	3.3	3.7	9.8	6.7
Slovenia .....	390.4	124.1	215.7	23.3	17.8	12.4	6.7	6.1	6.0	2.2	7.7	9.0
The former Yugoslav												
Republic of Macedonia .....	394.0	112.0	2 193.5	258.6	88.7	4.7	-0.1	3.5	4.0	-0.2	9.0	2.6
Yugoslavia .....	468.0	124.0	8 993.0	1.4E+13	7.9E+10	75.7	88.8	20.6	25.9	43.3	105.4	84.4
Estonia .....	19.3	208.4	1 208.0	75.2	36.1	25.5	14.7	8.8	4.1	-1.3	4.9	4.5
Latvia .....	..	192.0	1 310.0	117.1	17.0	12.0	13.8	4.3	2.0	-4.0	0.8	1.6
Lithuania .....	..	148.2	1 510.0	391.7	44.7	28.7	16.5	5.0	-4.6	3.3	17.8	-1.5
Armenia .....	2.0	120.0	947.0	892.0	4 394.4	187.8	36.3	21.7	6.0	4.1	-0.4	1.1
Azerbaijan .....	..	179.5	7 453.6	1 974.0	3 971.6	1 340.1	70.6	11.4	-5.5	-1.3	9.4	-2.5
Belarus .....	2.1	151.1	1 939.2	1 536.3	3 362.1	538.6	35.7	89.4	72.8	355.7	185.6	71.8
Georgia .....	..	..	..	..	..	..	..	..	2.2	15.5	5.8	3.6
Kazakhstan .....	..	193.0	2 465.1	1 042.8	2 918.5	139.7	23.8	15.6	0.8	19.0	38.0	0.4
Kyrgyzstan .....	..	160.0	1 664.0	831.0	72.9	34.0	29.1	34.8	12.7	51.7	31.7	12.1
Republic of Moldova .....	..	130.0	1 210.9	1 078.5	711.7	52.2	30.2	14.9	9.7	47.1	33.6	12.6
Russian Federation .....	3.9	240.0	3 280.0	900.0	340.0	237.6	50.8	15.0	7.0	59.1	46.5	19.1
Tajikistan .....	..	163.0	1 316.5	1 080.0	665.5	351.7	340.7	103.7	28.4	45.6	39.0	25.1
Turkmenistan .....	..	211.0	994.0	1 610.0	911.0	296.5	2 974.9	260.6	-30.5	..	..	..
Ukraine .....	..	163.4	4 128.5	9 667.5	1 134.5	488.9	52.1	7.8	13.2	31.1	20.8	8.6
Uzbekistan .....	..	147.0	1 296.0	1 119.0	2 162.6	792.5	128.5	53.9	40.0	38.0	61.1	..

Source: UNECE Common Database, derived from national statistics.

Note: From 1994 onwards indices derived from monthly data except: Bosnia and Herzegovina, Croatia, Czech Republic, Poland, The former Yugoslav Republic of Macedonia (from 1992); Hungary, Romania, Slovakia, Slovenia (from 1993); Turkmenistan, Yugoslavia (from 1995).

APPENDIX TABLE B.10

**Nominal gross wages in industry in eastern Europe, the Baltic states and the CIS, 1990-2001**  
(Annual average, percentage change over preceding year)<sup>a</sup>

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Albania <sup>b</sup> .....	..	..	..	69.5	34.5	29.3	..	..	20.4	10.4	17.7	..
Bosnia and Herzegovina <sup>c</sup> .....	..	..	..	..	..	..	253.6	50.8	31.1	15.4	12.1	..
Bulgaria .....	20.8	175.5	132.8	55.1	53.9	57.7	90.4	882.9	34.5	..	..	..
Croatia <sup>c</sup> .....	453.7	40.7	466.7	1 444.1	130.5	44.0	11.8	16.3	10.6	10.1	7.9	..
Czech Republic .....	3.0	16.5	21.0	22.6	16.9	18.3	17.7	11.9	10.7	6.7	7.1	..
Hungary <sup>b</sup> .....	27.2	33.4	24.3	24.9	23.3	19.1	21.7	21.8	16.6	13.5	15.0	14.4
Poland <sup>c</sup> .....	365.5	64.0	41.2	37.8	39.8	30.1	25.8	19.9	14.1	35.7	9.6	..
Romania <sup>c</sup> .....	9.7	125.0	173.5	210.7	139.4	55.3	56.7	99.5	49.3	40.7	48.9	..
Slovakia <sup>b</sup> .....	2.4	17.2	16.9	23.1	17.7	15.2	14.6	9.3	9.7	7.9	9.3	..
Slovenia .....	361.5	68.4	196.7	45.1	27.1	17.1	14.0	12.1	10.7	9.3	11.6	..
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	6.2	..
Yugoslavia <sup>c</sup> .....	400.0	100.6	4 886.4	-62.5	229.6	74.1	74.5	41.7	39.6	24.6	113.5	..
Estonia <sup>d</sup> .....	..	122.2	570.3	93.3	71.3	34.6	23.8	19.7	13.2	0.9	..	..
Latvia .....	..	104.5	609.8	112.0	60.0	24.1	14.9	21.6	6.5	4.0	3.2	..
Lithuania .....	15.3	183.9	632.5	246.1	70.0	43.2	34.0	21.7	12.0	-0.4	-0.7	..
Armenia .....	5.9	31.8	352.3	739.1	3 640.2	210.9	62.3	41.7	20.5	15.2	19.5	..
Azerbaijan .....	4.4	82.9	870.4	700.8	575.7	354.8	53.0	58.2	19.8	18.1	33.3	..
Belarus .....	14.1	112.1	910.9	1 073.8	69.6	618.7	58.5	96.8	109.4	323.9	197.1	109.3
Georgia .....	6.0	33.9	457.3	2 114.7	23 327.5	87.5	145.4	12.7	26.8	23.2	..	..
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	..
Kyrgyzstan .....	0.5	62.1	638.3	745.6	176.3	54.8	29.1	60.3	20.0	43.2	-10.0	..
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	..
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	51.9
Tajikistan .....	8.0	76.2	550.2	917.5	142.2	145.2	425.3	71.9	96.4	26.4	31.5	..
Turkmenistan .....	..	83.8	1 010.1	1 467.7	622.2	686.2	915.3	121.5	27.1	..	..	..
Ukraine .....	39.0	107.9	1 419.0	2 286.1	737.8	408.5	71.5	13.5	5.9	18.1	40.2	..
Uzbekistan .....	..	82.3	706.1	1 159.3	806.8	278.4	99.8	76.3	60.3	50.0	..	..

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

<sup>a</sup> Calculated from reported annual average wages.

<sup>b</sup> Gross wages in total economy. For Hungary for 1990-1992; for Slovakia for 1990-1991.

<sup>c</sup> Net wages in industry. For Poland and Romania for 1990-1992.

<sup>d</sup> Manufacturing for 1991-1993.

APPENDIX TABLE B.11

**Merchandise exports of eastern Europe, the Baltic states and the CIS, 1980, 1989-2001**  
(Billion dollars)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	56.367	63.850	61.733	57.241	59.333	62.675	72.937	94.777	100.206	107.428	119.174	117.842	132.990	147.197
Albania .....	0.320	0.302	0.231	0.101	0.072	0.123	0.139	0.202	0.213	0.137	0.207	0.352	0.261	0.294*
Bulgaria .....	7.160	6.651	5.232	3.433	3.992	3.769	3.935	5.345	4.890	4.940	4.194	4.006	4.825	5.099
Czechoslovakia .....	10.475	11.988	10.728	11.319										
Czech Republic .....	..	..	..	..	8.767	14.463	15.882	21.273	22.180	22.779	26.351	26.242	28.996	33.369
Slovakia .....	..	..	..	..	3.500	5.458	6.714	8.585	8.822	9.640	10.775	10.277	11.908	12.691
Hungary .....	8.609	9.673	9.731	10.226	10.681	8.921	10.701	12.867	15.704	19.100	23.005	25.012	28.092	30.498
Poland .....	13.071	14.665	18.291	14.912	13.187	14.202	17.240	22.887	24.440	25.756	28.229	27.404	31.651	36.092
Romania .....	9.217	8.076	4.570	4.266	4.363	4.892	6.151	7.910	8.085	8.431	8.302	8.503	10.369	11.385
Yugoslavia (SFR) .....	7.514	12.496	12.950	12.984	14.772									
Bosnia and Herzegovina .....	..	2.100	1.850	..	..	..	..	0.024	0.058	0.193	0.352	0.518	0.675	0.799
Croatia .....	..	2.600	4.020	3.310	4.353	3.709	4.260	4.633	4.512	4.171	4.541	4.303	4.432	4.659
Slovenia .....	1.836	3.408	4.118	3.874	6.681	6.083	6.828	8.316	8.310	8.369	9.050	8.546	8.732	9.252
The former Yugoslav Republic of Macedonia .....	..	0.654	1.113	1.095	1.199	1.055	1.086	1.204	1.147	1.237	1.311	1.186	1.319	1.155
Yugoslavia .....	..	4.461	4.651	4.704	2.539	..	..	1.531	1.846	2.677	2.858	1.493	1.730	1.903
<b>Baltic states</b> .....	..	..	..	..	2.139	4.197	4.324	5.844	6.877	8.467	8.759	7.665	8.850	9.890
Estonia .....	..	..	..	..	0.444	0.802	1.305	1.838	2.079	2.934	3.236	2.938	3.176	3.305
Latvia .....	..	..	..	..	0.843	1.401	0.988	1.304	1.443	1.673	1.812	1.723	1.865	2.002
Lithuania .....	..	..	..	..	0.852	1.994	2.031	2.705	3.355	3.860	3.711	3.004	3.809	4.583
<b>CIS: total</b> .....	..	..	..	..	..	..	89.991	110.622	121.936	122.913	104.716	104.179	143.691	143.474*
<b>CIS: non-CIS</b> .....	..	..	..	..	51.242	52.547	62.652	80.007	87.897	88.698	76.757	82.346	114.949	113.613*
Armenia .....	..	..	..	..	..	0.156	0.216	0.271	0.290	0.233	0.221	0.232	0.301	0.339
Non-CIS .....	..	..	..	..	0.026	0.029	0.058	0.101	0.162	0.138	0.140	0.175	0.227	0.252
Azerbaijan .....	..	..	..	..	1.484	0.725	0.653	0.637	0.631	0.781	0.606	0.929	1.745	2.314
Non-CIS .....	..	..	..	..	0.754	0.351	0.378	0.352	0.341	0.403	0.374	0.718	1.510	2.091
Belarus .....	..	..	..	..	..	..	2.510	4.707	5.652	7.301	7.070	5.909	7.331	7.428
Non-CIS .....	..	..	..	..	1.194	0.789	1.031	1.777	1.888	1.922	1.910	2.287	2.927	2.956
Georgia .....	..	..	..	..	..	..	0.156	0.154	0.199	0.240	0.193	0.238	0.330	0.320
Non-CIS .....	..	..	..	..	0.068	0.069	0.039	0.057	0.070	0.102	0.085	0.131	0.198	0.176
Kazakhstan .....	..	..	..	..	..	..	3.231	5.250	5.911	6.497	5.436	5.592	9.126	8.647
Non-CIS .....	..	..	..	..	1.398	1.501	1.357	2.366	2.732	3.515	3.266	4.100	6.750	6.015
Kyrgyzstan .....	..	..	..	..	0.317	0.396	0.340	0.409	0.505	0.604	0.514	0.454	0.505	0.476
Non-CIS .....	..	..	..	..	0.077	0.112	0.117	0.140	0.112	0.285	0.283	0.271	0.297	0.308
Republic of Moldova .....	..	..	..	..	0.470	0.483	0.565	0.746	0.795	0.875	0.632	0.464	0.472	0.570
Non-CIS .....	..	..	..	..	0.166	0.178	0.159	0.279	0.252	0.267	0.203	0.211	0.196	0.224
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	66.862	79.869	86.889	86.627	73.000	73.700	102.796	100.653*
Non-CIS .....	..	..	..	..	42.376	44.297	53.001	65.607	70.975	69.959	58.800	62.800	89.068	86.213*
Tajikistan .....	..	..	..	..	0.193	0.350	0.492	0.749	0.770	0.746	0.597	0.689	0.784	0.652
Non-CIS .....	..	..	..	..	0.109	0.227	0.399	0.497	0.439	0.473	0.394	0.374	0.411	0.440
Turkmenistan .....	..	..	..	..	..	..	2.145	1.881	1.682	0.751	0.594	1.190	2.500	2.700
Non-CIS .....	..	..	..	..	0.908	1.049	0.494	0.951	0.610	0.300	0.442	0.700	1.200	1.300
Ukraine .....	..	..	..	..	7.415	7.817	10.272	13.128	14.401	14.232	12.637	11.582	14.573	16.265
Non-CIS .....	..	..	..	..	3.297	3.223	4.653	6.168	6.996	8.646	8.435	8.329	10.075	11.589
Uzbekistan .....	..	..	..	..	..	..	2.549	2.821	4.211	4.026	3.218	3.200	3.230	3.110
Non-CIS .....	..	..	..	..	0.869	0.721	0.966	1.712	3.321	2.689	2.425	2.250	2.090	2.050
<b>Former Soviet Union</b> .....	57.942	62.286	59.056	46.660										
<b>Total</b> .....	114.310	126.136	120.788	103.901	112.714	119.419	167.252	211.243	229.019	238.808	232.649	229.686	285.531	300.561*

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

**Note:** Trade flows reported include the "new trade" among members of the dissolved federal states: former Czechoslovakia (from 1993), the former SFR of Yugoslavia (from 1992) and the former USSR: for the Baltic states (from 1992) and for the CIS. Data excluding the "new trade" were shown in earlier issues of this publication. 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).

As from 1991, all trade values are expressed in dollars at prevailing market exchange rates. For earlier years, values reported in national currencies were adjusted by the ECE secretariat to remove distortions stemming from mutually inconsistent national rouble/dollar cross-rates in the valuation of the then important intra-CMEA trade flows. For details on the revaluation, see the note to table 2.1.3 and the discussion in box 2.1.1 in UNECE, *Economic Bulletin for Europe*, Vol. 43 (1991).

<sup>a</sup> Russian Goskomstat data excluding trade by physical persons (shuttle trade), but including trade flows not crossing the Russian borders such as off-board fish sales and natural gas deliveries under debt repayment agreements with former CMEA countries.

APPENDIX TABLE B.12

**Merchandise imports of eastern Europe, the Baltic states and the CIS, 1980, 1989-2001**  
(Billion dollars)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	65.443	61.185	63.408	61.610	68.388	76.285	86.128	117.026	135.887	146.195	159.491	155.447	172.523	187.288*
Albania .....	0.320	0.385	0.381	0.409	0.524	0.421	0.549	0.650	0.913	0.620	0.795	0.903	1.070	1.308*
Bulgaria .....	6.321	7.325	5.584	2.700	4.530	5.120	4.272	5.638	5.074	4.932	4.957	5.515	6.507	7.230
Czechoslovakia .....	10.619	11.772	11.808	10.962										
Czech Republic .....	..	..	..	..	10.368	14.617	17.427	25.265	27.919	27.563	28.789	28.073	32.110	36.504
Slovakia .....	..	..	..	..	3.889	6.332	6.634	8.777	11.112	11.622	13.006	11.265	12.660	14.686
Hungary .....	9.188	8.863	8.797	11.449	11.123	12.648	14.554	15.466	18.144	21.234	25.706	28.008	32.080	33.682
Poland .....	14.705	12.941	12.619	15.531	16.141	18.758	21.566	29.043	37.137	42.314	47.054	45.911	48.940	50.257
Romania .....	11.061	5.834	6.889	5.793	6.260	6.522	7.109	10.278	11.435	11.280	11.838	10.395	13.058	15.552
Yugoslavia (SFR) .....	13.229	14.064	17.330	14.765										
Bosnia and Herzegovina .....	..	1.850	1.750	..	..	..	..	0.524	1.204	1.555	2.120	2.431	2.290	2.340
Croatia .....	..	3.750	5.133	3.811	4.346	4.166	5.229	7.510	7.788	9.104	8.383	7.799	7.887	9.044
Slovenia .....	2.463	3.216	4.727	4.131	6.141	6.501	7.304	9.492	9.421	9.367	10.098	10.083	10.116	10.145
The former Yugoslav Republic of Macedonia .....	..	0.934	1.531	1.274	1.206	1.199	1.484	1.719	1.627	1.779	1.915	1.773	2.085	1.688
Yugoslavia .....	..	5.383	6.701	5.548	3.859	..	..	2.665	4.113	4.826	4.830	3.291	3.721	4.837
<b>Baltic states</b> .....	..	..	..	..	1.802	4.101	5.251	8.006	10.110	12.809	13.768	11.888	12.901	14.079
Estonia .....	..	..	..	..	0.406	0.896	1.659	2.540	3.231	4.441	4.786	4.108	4.256	4.291
Latvia .....	..	..	..	..	0.794	0.961	1.240	1.818	2.320	2.724	3.189	2.946	3.189	3.507
Lithuania .....	..	..	..	..	0.602	2.244	2.352	3.649	4.559	5.644	5.794	4.834	5.457	6.281
<b>CIS: total</b> .....	..	..	..	..	..	..	63.137	79.576	86.960	94.316	81.747	62.005	70.693	81.729*
<b>CIS: non-CIS</b> .....	..	..	..	..	42.297	33.696	36.743	45.678	49.205	57.780	50.560	37.571	38.652	48.875*
Armenia .....	..	..	..	..	..	0.255	0.394	0.674	0.856	0.892	0.902	0.811	0.885	0.869
Non-CIS .....	..	..	..	..	0.050	0.087	0.188	0.340	0.578	0.593	0.672	0.624	0.711	0.655
Azerbaijan .....	..	..	..	..	0.940	0.629	0.778	0.668	0.961	0.794	1.077	1.036	1.172	1.431
Non-CIS .....	..	..	..	..	0.333	0.241	0.292	0.440	0.621	0.443	0.673	0.711	0.797	0.986
Belarus .....	..	..	..	..	..	..	3.066	5.564	6.939	8.689	8.549	6.674	8.574	8.049
Non-CIS .....	..	..	..	..	0.843	1.119	0.974	1.887	2.369	2.872	2.995	2.385	2.551	2.443
Georgia .....	..	..	..	..	..	..	0.338	0.385	0.687	0.944	0.884	0.602	0.651	0.684
Non-CIS .....	..	..	..	..	0.228	0.167	0.066	0.231	0.417	0.603	0.617	0.377	0.423	0.433
Kazakhstan .....	..	..	..	..	..	..	3.561	3.807	4.241	4.301	4.350	3.687	5.051	6.363
Non-CIS .....	..	..	..	..	0.469	0.494	1.384	1.154	1.295	1.969	2.290	2.089	2.295	3.057
Kyrgyzstan .....	..	..	..	..	0.421	0.448	0.317	0.522	0.838	0.709	0.842	0.600	0.554	0.467
Non-CIS .....	..	..	..	..	0.071	0.112	0.107	0.168	0.351	0.273	0.401	0.341	0.256	0.210
Republic of Moldova .....	..	..	..	..	0.640	0.628	0.659	0.841	1.072	1.172	1.024	0.587	0.776	0.897
Non-CIS .....	..	..	..	..	0.179	0.184	0.183	0.272	0.420	0.567	0.584	0.345	0.517	0.557
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	38.661	46.709	47.373	53.568	44.600	31.000	33.769	41.237*
Non-CIS .....	..	..	..	..	36.984	26.807	28.344	33.117	32.798	39.365	32.500	22.200	22.171	30.121*
Tajikistan .....	..	..	..	..	0.254	0.630	0.547	0.810	0.668	0.750	0.711	0.663	0.675	0.688
Non-CIS .....	..	..	..	..	0.132	0.374	0.314	0.332	0.285	0.268	0.265	0.148	0.115	0.150
Turkmenistan .....	..	..	..	..	..	..	1.468	1.364	1.011	1.183	1.008	1.500	1.780	2.250
Non-CIS .....	..	..	..	..	0.030	0.501	0.782	0.619	0.450	0.531	0.530	1.000	1.100	1.400
Ukraine .....	..	..	..	..	6.892	9.533	10.745	15.484	17.603	17.128	14.676	11.846	13.956	15.775
Non-CIS .....	..	..	..	..	2.049	2.652	2.907	5.488	6.427	7.249	6.779	5.103	5.916	6.943
Uzbekistan .....	..	..	..	..	..	..	2.603	2.748	4.712	4.186	3.125	3.000	2.850	3.020
Non-CIS .....	..	..	..	..	0.929	0.958	1.202	1.630	3.195	3.047	2.256	2.250	1.800	1.920
<b>Former Soviet Union</b> .....	52.218	64.983	64.963	45.405										
<b>Total</b> .....	117.661	126.168	128.371	106.901	112.487	114.082	154.516	204.609	232.957	253.320	255.006	229.340	256.117	283.096*

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

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

<sup>a</sup> Russian Goskomstat data excluding trade by physical persons (shuttle trade), but including trade flows not crossing the Russian borders such as off-board fish sales and natural gas deliveries under debt repayment agreements with former CMEA countries.



APPENDIX TABLE B.13

**Balance of merchandise trade of eastern Europe, the Baltic states and the CIS, 1980, 1989-2001**  
(Billion dollars)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe</b> .....	-9.076	2.665	-1.675	-4.369	-9.055	-13.610	-13.190	-22.250	-35.680	-38.767	-40.317	-37.605	-39.533	-40.091*
Albania .....	0.000	-0.083	-0.150	-0.308	-0.452	-0.298	-0.410	-0.448	-0.701	-0.483	-0.589	-0.551	-0.809	-1.013*
Bulgaria .....	0.839	-0.674	-0.352	0.732	-0.538	-1.352	-0.336	-0.293	-0.184	0.008	-0.763	-1.509	-1.683	-2.131
Czechoslovakia .....	-0.144	0.216	-1.080	0.356	..	..	..	..	..	..	..	..	..	..
Czech Republic .....	..	..	..	..	-1.601	-0.154	-1.545	-3.992	-5.739	-4.784	-2.438	-1.831	-3.114	-3.135
Slovakia .....	..	..	..	..	-0.389	-0.874	0.080	-0.192	-2.290	-1.983	-2.231	-0.988	-0.752	-1.994
Hungary .....	-0.579	0.810	0.934	-1.223	-0.442	-3.727	-3.853	-2.599	-2.440	-2.134	-2.701	-2.996	-3.988	-3.184*
Poland .....	-1.634	1.724	5.672	-0.619	-2.955	-4.555	-4.326	-6.156	-12.697	-16.558	-18.825	-18.507	-17.289	-14.183
Romania .....	-1.844	2.242	-2.320	-1.528	-1.897	-1.630	-0.958	-2.368	-3.351	-2.849	-3.536	-1.892	-2.689	-4.167
Yugoslavia (SFR) .....	-5.715	-1.568	-4.380	-1.780	14.772	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	0.250	0.100	..	..	..	..	-0.500	-1.146	-1.362	-1.768	-1.913	-1.615	-1.541
Croatia .....	..	-1.150	-1.113	-0.501	0.007	-0.457	-0.969	-2.877	-3.276	-4.933	-3.842	-3.496	-3.455	-4.384
Slovenia .....	-0.626	0.192	-0.609	-0.257	0.540	-0.418	-0.476	-1.176	-1.111	-0.998	-1.048	-1.537	-1.384	-0.893
The former Yugoslav Republic of Macedonia .....	..	-0.280	-0.418	-0.179	-0.007	-0.144	-0.398	-0.515	-0.480	-0.542	-0.604	-0.587	-0.766	-0.533
Yugoslavia .....	..	-0.922	-2.050	-0.844	-1.320	..	..	-1.134	-2.267	-2.149	-1.972	-1.798	-1.991	-2.934
<b>Baltic states</b> .....	..	..	..	..	0.337	0.096	-0.927	-2.162	-3.232	-4.343	-5.009	-4.224	-4.051	-4.189
Estonia .....	..	..	..	..	0.038	-0.094	-0.353	-0.702	-1.152	-1.507	-1.550	-1.170	-1.080	-0.986
Latvia .....	..	..	..	..	0.049	0.440	-0.252	-0.514	-0.877	-1.051	-1.377	-1.223	-1.323	-1.505
Lithuania .....	..	..	..	..	0.250	-0.250	-0.322	-0.944	-1.204	-1.784	-2.083	-1.831	-1.648	-1.698
<b>CIS: total</b> .....	..	..	..	..	..	..	26.854	31.046	34.975	28.597	22.970	42.174	72.998	61.744*
<b>CIS: non-CIS</b> .....	..	..	..	..	8.945	18.851	25.909	34.329	38.692	30.919	26.197	44.775	76.297	64.738*
Armenia .....	..	..	..	..	..	-0.099	-0.178	-0.403	-0.566	-0.660	-0.682	-0.580	-0.584	-0.530
Non-CIS .....	..	..	..	..	-0.024	-0.058	-0.130	-0.239	-0.416	-0.455	-0.532	-0.449	-0.484	-0.403
Azerbaijan .....	..	..	..	..	0.544	0.096	-0.125	-0.031	-0.330	-0.013	-0.471	-0.107	0.573	0.883
Non-CIS .....	..	..	..	..	0.421	0.110	0.086	-0.088	-0.280	-0.040	-0.299	0.007	0.713	1.106
Belarus .....	..	..	..	..	..	..	-0.556	-0.857	-1.287	-1.388	-1.480	-0.765	-1.244	-0.621
Non-CIS .....	..	..	..	..	0.351	-0.330	0.057	-0.110	-0.481	-0.950	-1.085	-0.098	0.376	0.513
Georgia .....	..	..	..	..	..	..	-0.182	-0.231	-0.488	-0.704	-0.692	-0.364	-0.321	-0.364
Non-CIS .....	..	..	..	..	-0.160	-0.098	-0.027	-0.174	-0.347	-0.501	-0.532	-0.246	-0.226	-0.258
Kazakhstan .....	..	..	..	..	..	..	-0.330	1.443	1.670	2.196	1.086	1.906	4.075	2.284
Non-CIS .....	..	..	..	..	0.929	1.007	-0.027	1.212	1.437	1.547	0.976	2.011	4.456	2.958
Kyrgyzstan .....	..	..	..	..	-0.104	-0.052	0.023	-0.113	-0.333	-0.105	-0.328	-0.146	-0.050	0.009
Non-CIS .....	..	..	..	..	0.005	0.000	0.010	-0.028	-0.239	0.012	-0.118	-0.070	0.041	0.097
Republic of Moldova .....	..	..	..	..	-0.170	-0.145	-0.094	-0.095	-0.277	-0.297	-0.392	-0.123	-0.305	-0.327
Non-CIS .....	..	..	..	..	-0.013	-0.006	-0.024	0.007	-0.168	-0.300	-0.381	-0.134	-0.321	-0.333
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	28.201	33.160	39.516	33.059	28.400	42.700	69.027	59.416*
Non-CIS .....	..	..	..	..	5.392	17.490	24.657	32.490	38.177	30.594	26.300	40.600	66.897	56.091*
Tajikistan .....	..	..	..	..	-0.061	-0.280	-0.055	-0.061	0.102	-0.004	-0.114	0.026	0.109	-0.036
Non-CIS .....	..	..	..	..	-0.023	-0.147	0.085	0.165	0.154	0.205	0.129	0.225	0.295	0.290
Turkmenistan .....	..	..	..	..	..	..	0.677	0.517	0.670	-0.432	-0.414	-0.310	0.720	0.450
Non-CIS .....	..	..	..	..	0.878	0.548	-0.288	0.332	0.160	-0.231	-0.088	-0.300	0.100	-0.100
Ukraine .....	..	..	..	..	0.523	-1.716	-0.473	-2.356	-3.202	-2.896	-2.038	-0.265	0.617	0.490
Non-CIS .....	..	..	..	..	1.248	0.571	1.746	0.680	0.569	1.397	1.657	3.227	4.159	4.646
Uzbekistan .....	..	..	..	..	..	..	-0.054	0.073	-0.501	-0.159	0.093	0.200	0.380	0.090
Non-CIS .....	..	..	..	..	-0.060	-0.237	-0.236	0.082	0.126	-0.358	0.169	0.000	0.290	0.130
<b>Former Soviet Union</b> .....	5.724	-2.697	-5.907	1.255	..	..	..	..	..	..	..	..	..	..
<b>Total</b> .....	-3.351	-0.032	-7.583	-3.000	0.227	5.337	12.736	6.634	-3.937	-14.512	-22.357	0.345	29.414	17.465*

Source: UNECE secretariat, based on national statistical publications and direct communications from national statistical offices.

Note: See appendix table B.11.

<sup>a</sup> Russian Goskomstat data excluding trade by physical persons (shuttle trade), but including trade flows not crossing the Russian borders such as off-board fish sales and natural gas deliveries under debt repayment agreements with former CMEA countries.

APPENDIX TABLE B.14

**Merchandise trade of eastern Europe and the Russian Federation, by direction, 1980, 1989-2001**  
(Shares in total trade, per cent)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001 <sup>a</sup>
<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
ECE transition economies .....	48.3	44.4	38.1	28.5	23.0	28.2	26.3	25.8	26.1	26.1	22.4	18.9	19.0	18.8
Former Soviet Union .....	28.2	25.5	22.3	17.9	12.4	9.8	9.0	8.9	9.4	10.3	7.4	4.9	4.9	5.0
Eastern Europe .....	20.2	18.9	15.8	10.7	10.7	18.5	17.4	16.9	16.7	15.8	15.0	14.0	14.1	13.9
Developed market economies .....	33.0	42.6	49.5	59.8	63.0	58.0	62.5	64.5	65.0	66.4	71.4	75.2	74.8	75.3
Developing economies .....	18.7	13.0	12.4	11.7	14.0	13.8	11.2	9.7	8.9	7.5	6.2	5.9	6.2	5.9
<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
ECE transition economies .....	49.3	36.4	26.6	25.5	24.7	29.3	26.1	25.3	23.8	22.1	18.3	18.6	22.0	21.6
Former Soviet Union .....	30.6	23.5	18.3	20.2	17.9	16.5	14.1	13.2	12.7	11.2	8.6	8.5	11.8	11.1
Eastern Europe .....	18.8	18.7	14.3	8.1	6.8	12.8	12.0	12.1	11.1	10.9	9.6	10.1	10.2	10.5
Developed market economies .....	37.0	44.0	53.3	58.3	64.4	61.5	65.0	65.8	66.6	68.1	72.4	70.8	67.7	67.8
Developing economies .....	13.6	19.5	20.1	16.1	10.9	9.2	9.0	8.9	9.6	9.8	9.3	10.6	10.3	10.6
<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
ECE transition economies .....	35.0	26.6	21.8	25.9	22.3	18.1	15.1	16.8	18.2	19.5	18.1	17.8	20.0	19.4
Eastern Europe .....	35.0	26.6	21.8	25.9	20.7	16.8	11.7	13.2	14.3	14.9	14.2	13.3	14.5	14.9
Developed market economies .....	39.7	41.8	49.5	56.5	57.9	59.7	66.6	60.6	58.1	58.6	60.0	58.0	55.6	55.9
Developing economies .....	25.3	31.6	28.7	17.6	19.9	22.2	18.3	22.6	23.7	21.9	21.9	24.2	24.4	24.7
<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
ECE transition economies .....	31.5	27.6	24.7	26.0	15.9	10.6	14.1	15.5	12.6	13.7	12.0	9.6	10.9	9.8
Eastern Europe .....	31.5	27.6	24.7	26.0	15.0	10.0	11.7	12.4	10.6	11.1	9.8	8.2	9.4	8.4
Developed market economies .....	44.2	50.1	52.9	58.1	62.4	60.6	70.3	69.5	67.8	68.3	68.2	68.3	69.3	67.2
Developing economies .....	24.3	22.3	22.4	15.9	21.7	28.8	15.6	15.0	19.6	18.0	19.8	22.1	19.8	22.9

**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, eastern Europe covers Bulgaria, former Czechoslovakia (from 1993, Czech Republic and Slovakia including their mutual trade), Hungary, Poland and Romania, and the second panel reflects non-CIS trade of the Russian Federation only.

Partner country grouping has been recently revised with subsequent revisions back to 1980. Thus, the earlier reported "Transition economies" group is now replaced by "ECE transition economies", which covers the Baltic states, CIS and the east European countries including the successor states of the former SFR of Yugoslavia. The "Eastern Europe" partner group now covers Albania, Bulgaria, the Czech Republic, Hungary, Poland, Romania, Slovakia and the successor states of the former SFR of Yugoslavia, which earlier were in the "Other socialist countries" subgroup. The rest of subgroup "Other socialist countries", which in previous series covered China, Cuba, Democratic People's Republic of Korea, Mongolia and Viet Nam, is now included in the "Developing countries" group.

<sup>a</sup> January-September 2001.

APPENDIX TABLE B.15

**Exchange rates of eastern Europe, the Baltic states and the CIS, 1980, 1990-2001**  
(Annual averages, national currency units per dollar)

	Unit <sup>a</sup>	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Albania .....	lek	..	8.90	24.20	75.03	102.06	94.62	93.14	104.33	148.93	150.63	137.69	143.71	143.484
Bulgaria .....	lev <sup>b</sup>	0.86	0.79	17.45	23.42	27.85	54.13	67.08	177.88	1 681.87	1 760.37	1.8364	2.1233	2.1868
Czechoslovakia .....	koruna	5.37	18.56	29.56	28.30	..	..	..	..	..	..	..	..	..
Czech Republic .....	koruna	..	..	..	..	29.15	28.79	26.54	27.14	31.70	32.29	34.57	38.60	38.04
Slovakia .....	koruna	..	..	..	..	30.80	31.93	29.71	30.68	33.62	35.23	41.36	46.20	48.35
Hungary .....	forint	32.64	63.21	74.73	78.98	91.91	105.11	125.69	152.65	186.79	214.40	237.15	282.18	286.49
Poland .....	zloty <sup>c</sup>	3.05	9 500	10 576	13 627	18 136	22 723	2.42	2.70	3.28	3.49	3.96	4.35	4.09
Romania .....	leu	4.47	22.43	71.84	307.98	760.12	1 654	2 033	3 085	7 183	8 876	15 333	21 709	29 061
Yugoslavia (SFR) .....	dinar <sup>d</sup>	24.64	11.32	19.64	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina ..	dinar	..	..	..	..	..	..	..	..	..	..	..	..	2.19
Croatia .....	kuna <sup>e</sup>	..	..	18.80	264.30	3 577.63	6.00	5.23	5.43	6.10	6.36	7.11	8.28	8.34
Slovenia .....	tolar	..	..	27.57	81.29	113.24	128.81	118.52	135.37	159.69	166.13	181.77	222.68	242.75
The former Yugoslav														
Republic of Macedonia ...	denar <sup>f</sup>	..	..	19.69	508.07	23.26	43.25	38.05	39.92	50.40	54.48	56.90	65.90	68.06
Yugoslavia .....	dinar <sup>g</sup>	..	10.65	19.73	750.00	..	1.55	4.74	4.96	5.72	9.23	10.94	16.06	..
Estonia .....	kroon <sup>h</sup>	..	..	..	12.11	13.22	12.98	11.46	12.03	13.88	14.07	14.68	16.97	17.48
Latvia .....	lats <sup>i</sup>	..	..	..	..	0.67	0.56	0.53	0.55	0.58	0.59	0.59	0.61	0.63
Lithuania .....	litas <sup>j</sup>	..	..	..	..	4.37	3.98	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Armenia .....	dram	..	..	..	..	8.66	288.35	405.93	413.47	490.70	504.92	535.06	539.53	555.08
Azerbaijan .....	manat	..	..	..	..	..	1 169	4 417	4 295	3 987	3 869	4 119	4 474	4 656.5
Belarus .....	rouble <sup>k</sup>	..	..	..	..	2 177	4 017	11 538	13 472	26 729	58 971	274 512	881 750	1390000
Georgia .....	lari <sup>l</sup>	..	..	..	..	..	1.10	1.29	1.26	1.30	1.39	2.02	1.98	2.072
Kazakhstan .....	tenge	..	..	..	..	..	35.54	60.95	67.30	75.43	78.35	119.47	142.13	146.74
Kyrgyzstan .....	som	..	..	..	..	..	10.86	10.83	12.81	17.37	21.37	39.73	47.79	48.405
Republic of Moldova .....	leu	..	..	..	..	..	4.07	4.50	4.60	4.62	5.37	10.52	12.43	12.867
Russian Federation .....	rouble <sup>m</sup>	0.65	0.59	1.74	192.75	927.46	2 204	4 559	5 121	5 785	9.71	24.62	28.13	29.169
Tajikistan .....	samoni <sup>n</sup>	..	..	..	..	..	..	107.59	292.89	560.64	..	1 235.57	1.83	2.39
Turkmenistan .....	manat	..	..	..	..	..	19.50	110.42	3 509	4 143	..	5 200	5 200	5 200
Ukraine .....	hryvnia <sup>o</sup>	..	..	..	..	4 796	31 700	147 314	1.83	1.86	2.51	4.13	5.44	5.372
Uzbekistan .....	sum <sup>p</sup>	..	..	..	..	932.15	9.96	29.81	40.15	66.43	..	124.64	236.58	423.08
<i>Memorandum item:</i>														
Former GDR .....	mark <sup>q</sup>	3.30	8.14	1.66	1.56	1.65	1.62	1.43	1.50	1.73	1.76	..	..	..

**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.

**Note:** Under the central planning system with its state foreign trade monopoly, exchange rates served primarily statistical and accounting purposes (notably the conversion of foreign trade values for statistics expressed in domestic currency), without direct impact on domestic price formation. Market-based exchange rates and a meaningful link to domestic currency values emerged only with the transformations from 1989 onward. The official exchange rates of the earlier period are therefore not suitable for the conversion to dollars of macroeconomic and other data of these countries expressed in domestic currency. These strictures should be kept in mind in the interpretation and use of the data for the 1980s shown above.

<sup>a</sup> Currency unit of the last period shown. For prior periods, see footnotes.

<sup>b</sup> The leva was redenominated at 1:1,000 from 5 July 1999.

<sup>c</sup> The zloty was redenominated at 1:10,000 from 1 January 1995.

<sup>d</sup> The dinar was redenominated at 1:10,000 from 1 January 1990.

<sup>e</sup> The kuna replaced the Croat dinar on 3 May 1994 at 1:1,000; the 1994 average is shown in kuna terms.

<sup>f</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>g</sup> The dinar was redenominated on 1 July 1992 (1:10), 1 October 1993 (1:1 million), 1 January 1994 (1:1 trillion) and 24 January 1994 (1:13 million). Average annual exchange rates not available for 1993-1994.

<sup>h</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>i</sup> The lats replaced an earlier Latvian rouble at 1:200 on 18 October 1993; the 1993 average is shown in lat terms.

<sup>j</sup> The litas replaced the earlier talonas at 1:100 on 1 June 1993; the 1993 average is shown in litas terms.

<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.

<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 that 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. Made up of 100 dirams, the samoni was to be used in parallel to the Tajik rouble for 5 months, with the exchange rate of 1,000 roubles to the samoni.

<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> Sum-kupon in 1993.

<sup>q</sup> German Democratic Republic mark through 1990, deutsche mark thereafter.

APPENDIX TABLE B.16

**Current account balances of eastern Europe, the Baltic states and the CIS, 1990-2001**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe<sup>a</sup></b> .....	-5 726	-2 146	-967	-7 826	-2 496	-1 778	-12 948	-14 616	-17 588	-20 726	-17 637	-17 200*
Albania .....	-118	-168	-51	14	-43	-15	-62	-254	-45	-133	-156	-400*
Bosnia and Herzegovina .....	..	..	..	..	-177	-193	-748	-1 060	-789	-971	-909	-900*
Bulgaria .....	-1 710	-77	-361	-1 098	-32	-198	164	1 046	-61	-652	-702	-878
Croatia <sup>b</sup> .....	-621	-589	329	623	854	-1 442	-1 091	-2 325	-1 531	-1 390	-433	-600*
Czech Republic .....	-122	1 708	-456	456	-787	-1 369	-4 121	-3 564	-1 386	-1 567	-2 273	-2 500*
Hungary <sup>c</sup> .....	123	267	325	-3 455	-3 911	-2 480	-1 678	-981	-2 298	-2 081	-1 328	-1 105
Poland <sup>c</sup> .....	716	-1 359	-269	-2 868	677	5 310	-1 371	-4 309	-6 862	-11 558	-9 946	-7 081
Romania .....	-3 337	-1 012	-1 564	-1 174	-428	-1 774	-2 571	-2 137	-2 968	-1 469	-1 363	-2 349
Slovakia .....	-767	-786	173	-532	759	511	-1 960	-1 827	-1 982	-980	-713	-1 820*
Slovenia <sup>b</sup> .....	518	129	926	192	573	-99	31	11	-147	-783	-612	-67
The former Yugoslav Republic of Macedonia <sup>b</sup> .....	-409	-259	-19	15	-158	-222	-289	-276	-308	-113	-113	-400*
Yugoslavia .....	..	..	..	..	-400	-1 037	-600	-1 279	-580	-764	-339	-700*
<b>Baltic states</b> .....	..	..	548	353	-59	-788	-1 400	-1 890	-2 426	-2 095	-1 483	-1 715
Estonia .....	..	..	36	22	-167	-158	-398	-563	-478	-247	-315	-300*
Latvia .....	..	..	191	417	201	-16	-279	-345	-650	-654	-493	-765
Lithuania .....	..	..	321	-86	-94	-614	-723	-981	-1298	-1194	-675	-650*
<b>CIS</b> .....	..	..	-538	10 267	5 286	4 409	6 139	-4 092	-6 737	23 675	47 530	32 267*
Armenia .....	..	..	-50	-67	-104	-218	-291	-307	-403	-307	-278	-220*
Azerbaijan .....	..	153	488	-160	-121	-401	-931	-916	-1 365	-600	-168	150*
Belarus .....	..	..	131	-435	-444	-458	-516	-788	-866	-194	-296	-400*
Georgia .....	..	..	-248	-354	-277	-216	-275	-375	-416	-195	-262	-180*
Kazakhstan .....	..	-1 300	-1 900	-641	-905	-213	-751	-799	-1 236	-236	743	-1 800*
Kyrgyzstan .....	..	..	-61	-88	-84	-235	-425	-138	-364	-180	-77	-10*
Republic of Moldova .....	..	..	-152	-155	-82	-95	-192	-275	-334	-51	-126	-130*
Russian Federation <sup>d</sup> .....	-6 300	2 500	1 142	12 792	8 434	7 484	11 753	2 060	687	24 731	46 291	34 157
Tajikistan .....	..	..	-53	-208	-170	-89	-70	-56	-108	-36	-62*	-200*
Turkmenistan .....	-308	447	926	776	84	23	-	-580	-934	-751*	..	..
Ukraine .....	..	..	-526	-765	-1 163	-1 152	-1 184	-1 335	-1 296	1 658	1 481	1 300*
Uzbekistan .....	..	..	-236	-429	118	-21	-980	-584	-102	-164	184	-100*
<b>Total above<sup>a e</sup></b> .....	..	..	-957	2 793	2 731	1 843	-8 209	-20 598	-26 751	855	28 410	13 352
<i>Memorandum items:</i>												
<b>CETE-5</b> .....	469	-41	698	-6 207	-2 689	1 872	-9 098	-10 669	-12 674	-16 969	-14 871	-12 573*
<b>SETE-7<sup>a</sup></b> .....	-6 195	-2 105	-1 665	-1 620	193	-3 650	-3 850	-3 946	-4 913	-3 757	-2 766	-4 627*
Asian CIS .....	..	..	-1 133	-1 170	-1 459	-1 370	-3 723	-3 755	-4 928	-2 468	181	-2 660*
Three European CIS <sup>f</sup> .....	..	..	-547	-1 355	-1 689	-1 705	-1 892	-2 397	-2 496	1 413	1 059	770*

**Source:** National balance of payments statistics; IMF, *Balance of Payments Statistics* (Washington, D.C.), various issues and *Staff Country Reports* (www.imf.org); UNECE secretariat estimates.

<sup>a</sup> Totals exclude Bosnia and Herzegovina and Yugoslavia.

<sup>b</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>c</sup> Convertible currencies. Hungary until 1995; Poland until 1992.

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

<sup>e</sup> 2000 and 2001 totals include estimates for Turkmenistan.

<sup>f</sup> Belarus, Republic of Moldova and Ukraine.

APPENDIX TABLE B.17

**Inflows of foreign direct investment <sup>a</sup> in eastern Europe, the Baltic states and the CIS, 1990-2001**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Eastern Europe <sup>b</sup></b> .....	480	2 332	3 125	4 193	3 594	9 336	8 003	9 462	15 478	18 748	20 258	19 602
Albania <sup>c</sup> .....	–	–	20	58	53	70	90	48	45	41	143	180*
Bosnia and Herzegovina .....	..	..	..	..	–	–	–	–	100	90	150	164
Bulgaria <sup>c</sup> .....	4	56	42	40	105	90	109	505	537	819	1 002	651
Croatia .....	–	–	16	120	117	114	511	533	932	1 479	1 115	900*
Czech Republic .....	132	513	1 004	654	869	2 562	1 428	1 300	3 718	6 324	4 595	4 500*
Hungary <sup>d</sup> .....	311	1 459	1 471	2 339	1 146	4 454	2 275	2 173	2 036	1 970	1 649	2 443
Poland (cash basis) <sup>c</sup> .....	10	117	284	580	542	1 132	2 768	3 077	5 129	6 471	8 294	6 929
Romania .....	–	40	77	94	341	419	263	1 215	2 031	1 041	1 040	1 137
Slovakia .....	18	82	100	195	269	308	353	220	684	390	2 075	2 000*
Slovenia .....	4	65	111	113	128	177	194	375	248	181	176	442
The former Yugoslav Republic of Macedonia <sup>c</sup> .....	–	–	–	–	24	9	11	16	118	32	170	420*
Yugoslavia .....	..	..	..	..	..	..	–	740	113	112	25	90
<b>Baltic states</b> .....	..	..	119	238	460	454	685	1 142	1 863	1 139	1 173	1 457*
Estonia .....	..	..	82	162	215	202	151	267	581	305	387	600*
Latvia .....	..	..	29	45	214	180	382	521	357	347	408	257
Lithuania .....	..	..	8	30	31	73	152	355	926	486	379	600*
<b>CIS</b> .....	..	..	1 777	1 875	1 770	4 065	5 288	8 856	6 726	6 735	5 367	7 021*
Armenia <sup>c</sup> .....	..	..	–	1	8	25	18	52	221	122	104	70*
Azerbaijan <sup>c</sup> .....	..	..	–	60	22	330	627	1 125	1 023	510	129	20*
Belarus <sup>c</sup> .....	..	..	7	18	11	15	73	200	149	444	116	100*
Georgia <sup>c</sup> .....	..	..	–	–	8	6	40	203	265	82	131	120*
Kazakhstan <sup>d</sup> .....	..	..	100	228	635	964	1 137	1 321	1 151	1 468	1 245	2 600*
Kyrgyzstan .....	..	..	–	10	38	96	47	83	109	44	–2	20*
Republic of Moldova <sup>c</sup> .....	..	25	17	14	12	67	24	79	74	37	138	150*
Russian Federation .....	–	100	1 454	1 211	690	2 066	2 579	4 865	2 762	3 309	2 714	2 921
Tajikistan <sup>c</sup> .....	..	..	9	9	12	20	25	30	24	21	22	20*
Turkmenistan <sup>c</sup> .....	–	–	11	79	103	233	108	108	64	80*	100*	100*
Ukraine .....	..	..	170	198	159	267	521	623	743	496	595	800*
Uzbekistan <sup>c</sup> .....	..	..	9	48	73	–24	90	167	140	121	75	100*
<b>Total above <sup>b</sup></b> .....	..	..	5 021	6 305	5 825	13 855	13 975	19 460	24 067	26 622	26 798	28 080*
<i>Memorandum items:</i>												
<b>CETE-5</b> .....	476	2 236	2 970	3 880	2 954	8 633	7 019	7 146	11 815	15 336	16 789	16 314*
<b>SETE-7 <sup>b</sup></b> .....	4	96	155	312	640	703	984	2 316	3 663	3 412	3 469	3 288*
Asian CIS .....	..	..	129	435	899	1 651	2 092	3 089	2 998	2 449	1 804	3 050*
Three European CIS <sup>e</sup> .....	..	..	194	229	181	349	617	902	966	977	848	1 050*
Poland (accrual basis) <sup>f</sup> .....	89	291	678	1 715	1 875	3 659	4 498	4 908	6 365	7 270	9 342	..

**Source:** National balance of payments statistics; IMF, *Balance of Payments Statistics* (Washington, D.C.), various issues and *Staff Country Reports* (www.imf.org); UNECE secretariat estimates.

**Note:** Changes in coverage are available in UNECE, *Economic Survey of Europe, 2001 No. 1*, chap. 5, box 5.3.1.

**a** Inflows into the reporting country.

**b** Excluding Bosnia and Herzegovina and Yugoslavia.

**c** Net of residents' investments abroad. Bulgaria, 1990-1994; Poland, 1990-1992.

**d** Exclude reinvested profits. Also see the note.

**e** Belarus, Republic of Moldova and Ukraine. Drawings less repayments.

**f** Includes reinvested profits (which are negative in 1998-2000).