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# PART THREE

## 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 1986-2000, *Appendix B* does the same for the east European countries, the Baltic states and the Commonwealth of Independent States for 1980-2000.

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). 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 UN/ECE 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 2000 are based on data available at mid-March 2001.

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APPENDIX TABLE A.1

**Real GDP in western Europe, North America and Japan, 1986-2000**  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	2.4	2.5	4.6	4.2	2.6	1.0	1.5	-0.9	2.1	1.7	1.1	1.9	3.3	3.2	3.2
Germany <sup>a</sup> .....	2.3	1.5	3.7	3.6	5.7	5.1	2.2	-1.1	2.3	1.7	0.8	1.4	2.1	1.6	3.0
Italy .....	2.5	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
Austria .....	2.3	1.7	3.2	4.2	4.7	3.3	2.3	0.4	2.6	1.6	2.0	1.3	3.3	2.8	3.3
Belgium .....	1.8	2.7	4.6	3.6	2.8	1.9	1.6	-1.5	3.0	2.6	1.2	3.4	2.4	2.7	3.9
Finland .....	2.5	4.2	4.7	5.1	-	-6.3	-3.3	-1.1	4.0	3.8	4.0	6.3	5.3	4.2	5.7
Greece .....	1.6	-0.5	4.5	3.8	-	3.1	0.7	-1.6	2.0	2.1	2.4	3.5	3.1	3.4	4.0
Ireland .....	-0.4	4.7	5.2	5.8	8.5	1.9	3.3	2.7	5.8	9.7	7.7	10.7	8.6	9.8	10.0
Luxembourg .....	7.8	2.3	10.4	9.8	2.2	6.1	4.5	8.7	4.2	3.8	2.9	7.3	5.0	7.5	8.1
Netherlands .....	2.8	1.4	2.6	4.7	4.1	2.3	2.0	0.8	3.2	2.3	3.0	3.8	4.1	3.9	3.9
Portugal .....	4.1	6.4	7.5	5.4	4.8	2.4	1.9	-1.4	2.5	3.9	3.6	3.7	3.6	3.0	3.2
Spain .....	3.2	5.6	5.2	4.7	3.7	2.3	0.7	-1.2	2.3	2.7	2.4	3.9	4.3	4.0	4.1
<b>Euro area<sup>b</sup></b> .....	2.5	2.6	4.2	3.9	3.7	2.6	1.5	-0.8	2.4	2.3	1.5	2.4	2.8	2.6	3.4
United Kingdom .....	4.2	4.4	5.2	2.1	0.7	-1.5	0.1	2.3	4.4	2.8	2.6	3.5	2.6	2.3	3.0
Denmark .....	4.1	-0.3	-0.7	0.2	1.0	1.1	0.6	-	5.5	2.8	2.5	3.0	2.8	2.1	2.4
Sweden .....	2.3	3.1	2.3	2.4	1.4	-1.1	-1.4	-2.2	4.1	3.7	1.1	2.1	3.6	4.1	3.6
<b>European Union<sup>c</sup></b> .....	2.8	2.9	4.2	3.5	3.1	1.8	1.2	-0.4	2.8	2.4	1.7	2.6	2.8	2.6	3.3
Cyprus .....	3.8	7.0	8.5	7.9	7.4	0.6	9.8	0.7	5.9	6.1	1.9	2.5	5.0	4.5	4.9
Iceland .....	6.3	8.5	-0.1	0.3	1.1	1.2	-3.3	0.9	3.6	0.6	5.7	5.3	4.5	4.3	3.6
Israel .....	3.6	6.2	3.4	1.4	6.3	5.7	6.8	3.4	6.9	8.3	4.6	2.9	2.2	2.3	3.0
Malta .....	3.9	4.1	8.4	8.2	6.3	6.3	4.7	4.5	5.7	6.2	4.0	4.9	3.4	4.0	4.3
Norway .....	3.6	2.0	-0.1	0.9	2.0	3.1	3.3	2.7	5.5	3.8	4.9	4.7	2.0	0.9	2.2
Switzerland .....	1.6	0.7	3.1	4.3	3.7	-0.8	-0.1	-0.5	0.5	0.5	0.3	1.7	2.3	1.5	3.3
Turkey .....	7.0	9.5	2.1	0.3	9.3	0.9	6.0	8.0	-5.5	7.2	7.0	7.5	3.1	-5.0	7.0
<b>Western Europe</b> .....	3.0	3.1	4.0	3.3	3.4	1.7	1.4	0.1	2.4	2.6	1.9	2.8	2.8	2.2	3.5
Canada .....	2.6	4.1	4.9	2.5	0.3	-1.9	0.9	2.3	4.7	2.8	1.5	4.4	3.3	4.5	4.7
United States .....	3.4	3.4	4.2	3.5	1.8	-0.5	3.0	2.7	4.0	2.7	3.6	4.4	4.4	4.2	5.0
<b>North America</b> .....	3.4	3.5	4.2	3.4	1.6	-0.6	2.9	2.6	4.1	2.7	3.4	4.4	4.3	4.3	5.0
Japan .....	3.0	4.5	6.5	5.3	5.3	3.1	0.9	0.4	1.0	1.6	3.5	1.8	-1.1	0.8	1.7
<b>Total above</b> .....	3.1	3.5	4.5	3.7	3.0	1.0	2.0	1.2	2.9	2.5	2.8	3.3	2.8	2.8	3.8
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	2.8	2.7	4.3	3.3	3.1	1.9	1.3	-0.3	2.7	2.2	1.3	2.1	2.4	2.1	3.0
<b>Western Europe and North America</b> .....	3.2	3.3	4.1	3.4	2.5	0.6	2.1	1.4	3.3	2.7	2.7	3.6	3.6	3.2	4.2

*Source:* Eurostat; OECD; 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 Iceland, Malta, Switzerland and Turkey.

<sup>a</sup> West Germany 1986-1991.

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

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

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

## APPENDIX TABLE A.2

**Real private consumption expenditure in western Europe, North America and Japan, 1986-2000**  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	3.6	3.0	2.7	3.0	2.7	0.7	0.9	-0.4	1.2	1.2	1.3	0.2	3.6	2.7	2.4
Germany <sup>a</sup> .....	3.5	3.4	2.7	2.8	5.4	5.6	2.7	0.1	1.0	2.0	1.0	0.7	2.0	2.6	1.6
Italy .....	4.0	3.8	4.0	3.7	2.1	2.9	1.9	-3.7	1.5	1.7	1.2	3.2	3.1	2.3	2.2
Austria .....	2.2	2.9	3.3	4.3	4.5	2.5	3.0	0.8	2.4	2.6	3.2	1.4	2.9	2.3	2.7
Belgium .....	3.1	1.8	3.7	3.9	3.2	3.0	2.2	-1.0	2.0	1.0	0.7	2.1	3.3	1.9	2.9
Finland .....	4.0	5.1	5.3	4.6	-0.6	-3.8	-4.4	-3.1	2.6	4.4	4.2	3.5	5.1	3.7	3.0
Greece .....	0.7	1.2	3.6	6.1	2.6	2.8	2.4	-0.8	2.0	2.8	2.4	2.8	3.1	2.9	2.9
Ireland .....	2.0	3.3	4.5	6.5	1.4	1.8	2.9	2.9	4.4	4.1	6.4	7.5	7.8	7.8	9.1
Luxembourg .....	5.7	4.6	4.6	5.1	5.7	6.3	-0.9	1.7	2.4	2.4	4.4	3.8	2.3	4.1	3.5
Netherlands .....	2.6	2.7	0.8	3.5	4.2	3.1	2.5	1.0	2.2	2.0	4.0	3.0	4.4	4.4	3.7
Portugal .....	5.6	5.3	6.9	3.1	6.0	3.6	3.6	0.9	2.2	5.2	3.9	3.3	6.0	4.8	3.3
Spain .....	3.3	5.8	4.9	5.7	3.6	2.9	2.2	-2.2	0.9	1.6	2.2	3.1	4.5	4.7	4.0
<b>Euro area<sup>b</sup></b> .....	3.5	3.5	3.3	3.6	3.6	3.2	2.0	-1.0	1.4	1.9	1.7	1.8	3.3	3.0	2.5
United Kingdom .....	6.6	5.3	7.5	3.2	0.7	-1.7	0.5	2.9	2.9	1.7	3.6	3.9	4.0	4.4	3.6
Denmark .....	5.9	-2.2	-2.1	-0.1	0.1	1.6	1.9	0.5	6.5	1.2	2.5	2.9	3.6	0.5	0.2
Sweden .....	4.4	4.6	2.4	1.2	-0.4	0.9	-1.4	-3.1	1.8	0.6	1.4	2.0	2.7	3.8	3.0
<b>European Union<sup>c</sup></b> .....	4.0	3.7	3.9	3.4	3.0	2.3	1.7	-0.4	1.7	1.8	2.0	2.1	3.4	3.2	2.6
Cyprus .....	1.7	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	5.5
Iceland .....	6.9	16.2	-3.8	-4.2	0.5	4.1	-4.5	-4.5	1.9	4.2	6.4	6.0	10.0	6.9	4.0
Israel .....	15.1	8.9	4.5	0.4	5.6	7.2	8.0	7.3	9.5	5.8	5.4	4.2	3.6	3.4	3.6
Malta .....	1.4	0.5	9.0	9.2	3.8	3.8	4.3	0.8	2.3	10.5	7.1	1.6	2.5	5.9	5.8
Norway .....	5.0	-0.8	-2.0	-0.6	0.7	1.5	2.2	2.2	4.0	3.4	5.3	3.6	3.3	2.4	2.1
Switzerland .....	2.3	2.2	1.7	2.3	1.2	1.6	0.1	-0.9	1.0	0.6	0.7	1.4	2.2	2.2	2.3
Turkey .....	5.8	-0.3	1.2	-1.0	13.1	2.7	3.2	8.6	-5.4	4.8	8.5	8.4	0.6	-3.1	6.0
<b>Western Europe</b> .....	4.1	3.5	3.6	3.1	3.4	2.3	1.7	-	1.4	2.0	2.3	2.4	3.2	2.9	2.8
Canada .....	4.0	4.1	4.4	3.6	1.3	-1.4	1.8	1.8	3.1	2.1	2.5	4.4	2.9	3.5	4.0
United States .....	4.2	3.3	4.0	2.7	1.8	-0.2	2.9	3.4	3.8	3.0	3.2	3.6	4.7	5.3	5.3
<b>North America</b> .....	4.2	3.4	4.1	2.7	1.8	-0.3	2.8	3.2	3.7	2.9	3.1	3.6	4.6	5.1	5.2
Japan .....	3.2	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	0.5
<b>Total above</b> .....	4.0	3.5	4.1	3.2	2.9	1.3	2.3	1.7	2.6	2.3	2.7	2.7	3.3	3.6	3.4
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	4.3	3.8	4.1	3.2	3.0	2.3	1.7	-0.2	1.6	1.7	1.7	1.8	3.1	3.0	2.3
<b>Western Europe and North America</b> .....	4.1	3.4	3.9	2.9	2.6	1.0	2.3	1.6	2.6	2.4	2.7	3.0	3.9	4.0	4.0

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

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

APPENDIX TABLE A.3

Real general government consumption expenditure in western Europe, North America and Japan, 1986-2000  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	2.4	2.2	3.2	1.6	2.5	2.7	3.8	4.6	0.7	-0.1	2.3	2.1	0.3	2.5	1.5
Germany <sup>a</sup> .....	2.5	1.5	2.1	-1.6	2.2	0.4	5.0	0.1	2.4	1.5	1.8	-0.9	0.5	-0.1	1.4
Italy .....	2.6	4.8	4.0	0.2	2.5	1.7	0.6	-0.2	-0.9	-2.2	1.0	0.2	0.3	1.5	1.6
Austria .....	1.8	0.2	1.1	1.7	2.3	3.2	3.5	3.7	3.0	1.3	1.2	-1.4	2.8	3.2	2.5
Belgium .....	1.3	2.7	-0.7	1.1	-0.3	3.6	1.5	-0.1	1.4	1.2	2.4	0.1	1.4	3.4	2.1
Finland .....	3.4	4.4	1.9	2.2	4.0	2.1	-2.4	-4.2	0.3	2.0	2.5	4.1	1.7	2.0	0.4
Greece .....	-0.8	0.9	5.7	5.5	0.6	-1.5	-3.1	2.6	-1.1	5.7	0.9	3.0	1.7	-0.1	0.8
Ireland .....	2.6	-4.8	-5.0	-1.3	5.4	2.7	3.0	0.1	4.1	3.8	3.2	5.6	5.3	5.2	4.5
Luxembourg .....	2.7	4.7	4.9	3.9	3.1	3.9	1.5	3.7	2.0	2.2	4.4	2.1	2.8	12.8	3.9
Netherlands .....	3.6	2.6	1.4	1.5	1.6	1.5	1.7	1.5	0.6	0.8	-0.4	3.2	3.4	2.5	3.1
Portugal .....	7.2	3.8	8.6	6.6	5.4	10.3	1.1	0.9	2.1	2.7	-0.3	2.6	3.0	3.4	3.0
Spain .....	5.4	8.9	4.0	8.3	6.6	5.6	4.0	2.4	-0.3	1.8	1.3	2.9	3.7	2.9	2.6
<b>Euro area<sup>b</sup></b> .....	2.8	3.2	2.9	1.2	2.8	2.2	3.0	1.4	0.9	0.6	1.5	0.9	1.2	1.6	1.8
United Kingdom .....	1.6	-	-	0.8	2.5	2.9	0.5	-0.8	1.4	1.6	1.7	-1.4	1.1	4.0	2.6
Denmark .....	0.9	2.2	-0.1	-0.8	-0.2	0.6	0.8	4.1	3.0	2.1	3.4	0.8	3.1	1.4	0.8
Sweden .....	1.3	1.0	0.6	2.1	2.6	2.8	-	0.2	-0.9	-0.6	0.9	-1.2	3.2	1.7	0.1
<b>European Union<sup>c</sup></b> .....	2.6	2.6	2.3	1.1	2.7	2.3	2.5	1.0	1.0	0.7	1.6	0.5	1.3	2.0	1.8
Cyprus .....	3.6	5.3	10.5	1.9	17.4	3.9	13.8	-14.3	4.1	2.9	11.7	4.9	7.3	-5.0	2.8
Iceland .....	7.3	6.5	4.7	3.0	4.3	3.2	-0.8	2.3	3.7	1.3	1.0	3.1	3.4	4.9	3.5
Israel .....	-9.7	18.3	-2.5	-8.6	7.7	4.1	1.4	4.2	-0.2	1.8	5.1	1.9	2.0	2.9	2.1
Malta .....	4.4	9.1	6.0	12.7	5.7	10.9	8.9	6.0	6.4	8.5	8.4	-1.1	-4.0	-1.1	3.6
Norway .....	1.9	4.6	-0.1	1.9	4.9	4.3	5.3	2.2	1.4	0.3	2.8	1.9	3.8	2.7	1.4
Switzerland .....	3.4	1.7	4.5	5.4	5.4	3.5	0.7	-0.1	2.0	-0.1	2.0	-	0.7	-0.4	0.5
Turkey .....	9.2	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	5.0
<b>Western Europe</b> .....	2.9	2.9	2.2	1.2	3.0	2.4	2.5	1.4	0.7	1.0	1.9	0.7	1.6	2.1	2.0
Canada .....	1.9	1.4	4.6	2.8	3.7	2.8	1.0	0.1	-1.2	-0.5	-1.4	-1.2	1.6	1.3	2.4
United States <sup>d</sup> .....	5.4	3.0	1.2	2.8	3.3	1.2	0.5	-0.8	0.1	0.4	1.1	2.4	2.1	3.3	2.8
<b>North America</b> .....	5.1	2.8	1.5	2.8	3.3	1.3	0.5	-0.7	-	0.4	0.9	2.1	2.1	3.2	2.8
Japan .....	4.8	3.5	3.4	2.9	2.5	3.2	2.7	3.2	2.9	4.3	2.8	1.3	1.9	4.0	3.6
<b>Total above</b> .....	4.1	3.0	2.1	2.1	3.1	2.1	1.7	0.8	0.7	1.2	1.6	1.4	1.9	2.9	2.6
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>e</sup></b> .....	2.3	2.1	2.3	-	2.4	1.8	2.7	0.8	1.1	0.3	1.7	-0.1	0.6	1.7	1.7
<b>Western Europe and North America</b> .....	4.0	2.9	1.8	2.0	3.2	1.9	1.5	0.3	0.3	0.7	1.4	1.4	1.8	2.7	2.4

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

<sup>d</sup> Includes also government gross investment expenditures.

<sup>e</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, 1986-2000  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	6.0	6.0	9.5	7.3	3.3	-1.5	-1.6	-6.4	1.5	2.0	-	-0.1	6.6	7.3	6.7
Germany <sup>a</sup> .....	3.3	1.8	4.4	6.3	8.5	6.0	4.5	-4.5	4.0	-0.7	-0.8	0.6	3.0	3.3	2.4
Italy .....	2.3	4.2	6.7	4.2	4.0	1.0	-1.4	-10.9	0.1	6.0	3.6	2.1	4.3	4.6	6.1
Austria .....	2.4	4.4	6.8	4.1	6.2	6.6	0.6	-0.9	4.6	1.3	2.2	1.0	2.7	3.2	3.7
Belgium .....	3.2	6.2	15.7	12.6	8.5	-4.1	1.7	-3.1	-0.1	4.9	0.8	6.7	4.6	4.8	4.2
Finland .....	1.0	4.9	11.0	13.0	-4.6	-18.6	-16.7	-16.6	-2.7	10.6	8.4	11.9	9.3	2.7	4.8
Greece .....	-6.2	-5.1	8.9	7.1	5.0	4.8	-3.2	-3.5	-2.7	4.2	8.4	13.2	8.0	7.3	7.8
Ireland .....	-2.8	-1.1	5.2	10.1	13.4	-7.0	-	-5.1	11.8	13.3	16.5	17.8	14.7	12.5	11.0
Luxembourg .....	31.0	17.9	15.0	7.0	2.7	31.6	-9.0	28.4	-14.9	3.5	-3.5	10.5	1.5	26.6	0.1
Netherlands .....	6.9	0.9	4.5	4.9	1.6	0.2	0.6	-2.8	2.2	4.8	6.3	6.6	4.1	6.5	4.3
Portugal .....	10.9	18.0	14.8	4.2	8.2	3.5	4.8	-5.8	3.5	-4.0	6.2	10.6	8.8	6.0	5.8
Spain .....	9.9	14.0	13.9	13.6	6.6	1.6	-4.4	-10.5	2.5	8.2	2.1	5.0	9.7	8.9	5.9
<b>Euro area<sup>b</sup></b> .....	4.4	4.8	7.9	7.0	5.7	1.8	0.1	-6.6	2.1	3.1	1.8	2.7	5.3	5.5	4.9
United Kingdom .....	2.1	8.9	14.8	5.9	-2.3	-8.7	-0.7	0.8	3.6	2.9	4.9	7.5	10.1	5.4	2.3
Denmark .....	16.7	-0.9	-6.2	-0.8	-2.1	-3.3	-2.0	-4.0	7.6	11.6	4.0	10.9	7.6	1.5	8.4
Sweden .....	0.3	8.2	6.6	11.3	1.3	-8.9	-10.8	-17.2	6.1	9.4	5.0	-1.1	8.5	8.1	4.5
<b>European Union<sup>c</sup></b> .....	4.2	5.5	8.7	6.8	4.2	-0.2	-0.3	-5.7	2.5	3.4	2.4	3.5	6.1	5.5	4.6
Cyprus .....	-7.1	4.5	10.6	20.0	-2.8	-1.6	16.2	-12.8	-2.5	-1.7	7.4	-4.5	8.0	-1.2	2.9
Iceland .....	-1.6	18.8	-0.2	-7.9	3.0	2.0	-11.3	-11.4	-1.1	-2.8	27.4	10.5	26.6	-0.8	11.1
Israel .....	7.4	6.1	1.6	-2.2	25.3	41.9	5.2	5.3	8.4	6.6	7.7	-2.4	-4.0	0.6	-2.6
Malta .....	-8.7	30.7	6.1	1.0	17.9	-	-0.2	11.1	8.5	17.8	-8.4	-4.5	-3.4	0.8	18.7
Norway .....	7.6	0.3	-1.8	-6.9	-10.8	-0.4	-3.1	4.3	4.5	3.4	9.9	13.9	5.8	-5.6	-2.7
Switzerland .....	5.4	4.0	8.1	5.3	3.8	-2.9	-6.6	-2.7	6.5	1.8	-2.4	1.5	4.5	1.8	4.7
Turkey .....	8.4	45.1	-1.0	2.2	15.9	0.4	6.4	26.4	-16.0	9.1	14.1	14.8	-3.9	-16.0	16.2
<b>Western Europe</b> .....	4.4	7.2	8.1	6.4	4.5	-0.2	-0.2	-4.0	1.8	3.6	3.0	4.1	5.6	4.2	5.0
Canada .....	5.4	10.7	9.8	5.9	-3.6	-3.5	-1.3	-2.7	7.4	-1.9	5.8	15.4	3.4	10.1	11.2
United States <sup>d</sup> .....	..	..	3.6	2.7	-1.8	-6.9	6.5	8.1	9.1	6.1	9.3	9.6	11.8	9.2	9.2
<b>North America</b> .....	..	..	4.2	3.0	-2.0	-6.7	5.8	7.2	9.0	5.4	9.0	10.0	11.1	9.2	9.4
Japan .....	5.1	9.4	12.0	8.6	8.8	2.2	-2.5	-3.1	-1.4	0.3	6.8	1.0	-4.0	-0.9	1.2
<b>Total above</b> .....	..	..	7.0	5.3	2.4	-2.6	2.0	0.9	4.3	3.8	6.1	6.1	6.4	5.5	6.3
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>e</sup></b> .....	3.4	4.8	8.3	6.0	4.0	-	0.7	-5.2	2.5	2.2	1.6	2.3	5.6	5.0	4.2
<b>Western Europe and North America</b> .....	..	..	6.1	4.7	1.3	-3.5	2.8	1.6	5.4	4.5	6.0	7.1	8.4	6.7	7.2

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

<sup>d</sup> Private sector only. See appendix table A.3.

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

APPENDIX TABLE A.5

Real total domestic expenditures in western Europe, North America and Japan, 1986-2000  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	3.7	3.2	4.6	3.7	2.9	0.5	0.8	-1.6	2.1	1.6	0.7	0.7	4.0	3.2	3.2
Germany <sup>a</sup> .....	3.3	2.4	3.6	2.9	5.2	4.7	2.8	-1.1	2.3	1.7	0.3	0.6	2.4	2.4	2.1
Italy .....	3.1	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	2.3
Austria .....	2.1	2.6	3.2	3.7	4.4	3.5	2.3	0.6	3.5	2.6	1.9	1.3	2.5	2.6	2.7
Belgium .....	2.6	3.5	4.8	4.3	2.9	1.7	1.8	-1.5	2.1	1.9	0.9	2.6	3.9	2.1	3.1
Finland .....	2.8	5.1	6.5	6.9	-1.5	-8.5	-5.8	-5.7	3.7	4.4	2.9	6.0	5.8	2.5	3.0
Greece .....	-1.2	-1.5	7.3	5.3	2.8	3.7	-1.7	-0.9	1.1	4.2	3.3	3.6	4.7	3.0	3.7
Ireland .....	1.2	-0.2	2.1	7.3	6.4	0.2	-0.1	1.0	5.1	6.4	7.3	9.3	10.2	6.0	9.0
Luxembourg .....	8.7	5.4	6.7	8.6	3.2	8.7	-1.5	9.7	-0.5	3.2	2.7	5.5	2.4	11.3	2.5
Netherlands .....	3.8	1.4	1.8	4.7	3.5	1.9	1.6	-1.1	3.1	2.4	2.8	3.9	4.2	4.2	3.5
Portugal .....	8.2	9.9	10.7	3.9	5.9	3.8	3.7	-1.4	2.9	3.1	3.0	4.6	6.1	4.7	3.7
Spain .....	5.4	8.1	7.0	7.8	4.8	2.9	1.0	-4.2	1.3	3.2	1.9	3.4	5.6	5.5	4.1
<b>Euro area<sup>b</sup></b> .....	3.5	3.6	4.5	4.0	3.9	2.6	1.4	-2.3	2.1	2.1	1.1	2.0	3.6	3.2	2.9
United Kingdom .....	4.7	4.9	8.0	2.8	-0.3	-2.7	0.8	2.2	3.4	1.8	3.0	3.8	4.6	3.7	3.7
Denmark .....	6.6	-2.3	-1.6	-0.1	-0.7	-0.1	0.9	-0.3	7.0	4.2	2.2	4.9	4.5	-0.6	2.4
Sweden .....	2.1	4.3	2.8	3.7	0.9	-2.1	-1.8	-5.2	3.1	2.0	0.7	0.9	4.2	3.4	2.7
<b>European Union<sup>c</sup></b> .....	3.7	3.7	4.9	3.7	3.1	1.6	1.3	-1.6	2.4	2.1	1.4	2.3	3.8	3.2	3.0
Cyprus .....	-1.5	5.6	11.3	9.7	6.3	5.1	9.3	-9.5	7.4	7.8	4.6	1.4	8.8	0.7	4.7
Iceland .....	4.9	15.5	-1.1	-4.1	1.5	4.7	-5.3	-4.2	1.6	3.0	7.8	6.2	12.2	4.6	5.3
Israel .....	5.4	9.0	2.5	-2.8	9.3	12.1	5.3	6.8	5.3	6.7	5.5	1.2	0.8	5.1	1.7
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	5.0	11.9
Norway .....	7.4	-0.8	-3.0	-2.0	-0.5	0.8	1.5	3.1	4.0	4.3	4.2	6.4	5.4	-1.0	1.6
Switzerland .....	4.5	2.0	2.6	4.1	3.9	-0.6	-2.7	-1.0	2.7	1.8	0.4	1.3	4.3	1.4	2.5
Turkey .....	7.0	8.9	-1.3	1.5	14.6	-0.6	5.6	14.2	-12.5	11.4	7.6	9.0	0.6	-4.0	8.0
<b>Western Europe</b> .....	3.9	3.9	4.4	3.5	3.6	1.4	1.4	-0.8	1.8	2.6	1.7	2.6	3.7	2.8	3.2
Canada .....	3.4	4.7	5.3	4.1	-	-1.4	0.9	1.4	3.2	1.7	1.4	6.2	2.2	4.2	5.5
United States .....	3.8	3.7	3.2	2.9	1.4	-1.1	3.1	3.2	4.4	2.4	3.7	4.7	5.5	5.2	5.7
<b>North America</b> .....	3.7	3.7	3.4	3.0	1.3	-1.1	2.9	3.0	4.3	2.4	3.5	4.8	5.3	5.1	5.7
Japan .....	3.8	5.3	7.3	5.6	5.3	2.7	0.6	0.3	1.2	2.1	4.0	0.9	-1.5	0.9	1.3
<b>Total above</b> .....	3.8	4.0	4.4	3.6	2.9	0.6	1.9	1.0	2.8	2.4	2.8	3.3	3.6	3.5	4.0
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	3.7	3.6	4.9	3.1	2.9	1.6	1.5	-1.4	2.3	1.8	1.1	1.8	3.4	3.0	2.8
<b>Western Europe and North America</b> .....	3.8	3.8	3.9	3.3	2.4	0.2	2.1	1.1	3.0	2.5	2.6	3.7	4.5	3.9	4.5

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

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

APPENDIX TABLE A.6

Real exports of goods and services in western Europe, North America and Japan, 1986-2000  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	-0.4	3.4	8.7	10.0	4.8	5.9	5.4	-	7.7	7.7	3.5	11.8	7.7	4.0	13.6
Germany <sup>a</sup> .....	-0.6	0.4	5.5	10.2	11.0	12.6	-0.8	-5.5	7.6	5.7	5.1	11.3	7.0	5.1	13.2
Italy .....	0.8	4.5	5.1	7.8	7.5	-1.4	7.3	9.0	9.8	12.6	0.6	6.4	3.6	-	10.2
Austria .....	-2.3	3.1	10.2	9.7	7.8	5.2	1.5	-1.4	5.6	6.7	6.2	9.9	5.5	7.6	7.5
Belgium .....	2.8	5.0	9.6	8.3	4.6	3.1	3.7	-0.4	8.4	5.7	1.2	6.7	4.4	5.2	10.6
Finland .....	0.7	2.9	3.5	1.6	1.2	-7.3	10.3	16.7	13.1	8.6	5.8	14.1	8.9	7.1	17.7
Greece .....	14.0	16.0	9.0	4.6	-4.0	3.7	10.5	-3.5	6.3	0.9	3.5	18.2	5.9	6.5	12.5
Ireland .....	2.9	13.7	9.0	10.3	8.7	5.7	13.9	9.7	15.1	20.0	12.2	17.4	21.4	12.4	16.2
Luxembourg .....	3.3	4.4	11.7	8.1	3.4	6.7	4.8	2.8	4.4	4.4	4.0	10.5	9.9	7.9	15.0
Netherlands .....	1.8	4.0	9.0	6.7	5.3	4.7	2.9	1.5	6.7	6.7	4.6	8.8	7.4	5.6	9.1
Portugal .....	6.8	11.2	8.2	13.0	10.0	2.6	5.0	-3.6	8.7	13.5	7.1	8.5	7.6	4.8	8.9
Spain .....	1.9	6.3	5.1	3.0	3.2	7.9	7.4	8.5	16.7	10.0	10.4	15.3	8.3	6.6	10.8
<b>Euro area<sup>b</sup></b> .....	0.8	3.7	6.7	8.4	7.0	6.1	4.1	1.3	9.1	8.3	4.4	10.7	6.7	4.3	12.0
United Kingdom .....	4.5	5.9	0.6	4.8	4.9	-0.2	4.1	3.9	9.2	9.5	7.5	8.6	2.6	4.0	7.4
Denmark .....	0.5	4.5	7.6	4.2	6.2	6.1	-0.9	-1.5	7.0	2.9	4.3	4.1	2.4	9.7	5.4
Sweden .....	3.7	4.3	2.5	3.1	1.6	-2.3	2.3	7.6	14.1	11.3	3.5	13.7	8.4	5.9	9.8
<b>European Union<sup>c</sup></b> .....	1.4	4.1	5.6	7.7	6.5	4.9	4.0	1.8	9.2	8.4	4.8	10.3	6.0	4.3	11.1
Cyprus .....	-1.7	13.7	13.5	16.8	7.9	-8.4	18.7	-1.3	7.9	4.6	4.1	0.8	-2.4	6.5	6.6
Iceland .....	5.9	3.3	-3.6	2.9	-	-5.9	-1.9	7.0	9.9	-3.3	10.0	6.0	2.2	5.5	2.6
Israel .....	5.6	10.2	-1.5	4.0	2.0	-2.6	14.1	9.9	12.8	8.4	6.6	7.7	6.3	10.1	9.5
Malta .....	7.0	12.6	6.1	10.7	13.3	7.5	9.7	5.3	7.1	5.4	-5.9	4.0	8.1	8.1	5.6
Norway .....	2.2	1.1	6.4	11.0	8.6	6.1	5.2	3.2	8.7	4.3	9.3	6.1	0.3	1.7	2.8
Switzerland .....	-0.4	2.3	6.5	6.6	2.1	-2.1	3.0	1.5	1.8	1.6	2.5	8.6	5.0	5.9	8.4
Turkey .....	-5.1	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	15.0
<b>Western Europe</b> .....	1.1	5.1	6.3	7.3	6.3	4.7	4.3	2.1	9.3	8.2	5.6	10.6	6.2	3.8	11.1
Canada .....	5.2	3.3	9.5	1.3	4.7	2.3	7.9	10.9	13.1	9.0	5.9	8.8	8.9	10.0	9.6
United States .....	7.4	11.2	16.1	11.8	8.7	6.5	6.2	3.3	8.9	10.3	8.2	12.3	2.3	2.9	9.2
<b>North America</b> .....	7.2	10.6	15.5	10.9	8.4	6.2	6.3	4.0	9.3	10.2	8.0	12.0	2.8	3.5	9.2
Japan .....	-5.5	-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	12.0
<b>Total above</b> .....	2.6	6.5	10.1	9.1	7.3	5.2	5.1	2.5	8.4	8.4	6.8	11.3	3.4	3.3	10.4
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	0.9	3.2	5.1	8.4	7.5	5.2	3.5	1.1	8.5	8.5	4.2	9.7	5.4	3.4	11.4
<b>Western Europe and North America</b> .....	4.1	7.8	10.9	9.1	7.3	5.4	5.3	3.0	9.3	9.2	6.8	11.3	4.5	3.7	10.1

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

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

APPENDIX TABLE A.7

Real imports of goods and services in western Europe, North America and Japan, 1986-2000  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	6.5	7.7	8.8	8.0	5.5	3.1	1.8	-3.7	8.2	8.0	1.6	6.9	11.3	4.0	14.7
Germany <sup>a</sup> .....	2.7	4.2	5.1	8.3	10.3	13.1	1.5	-5.5	7.4	5.6	3.1	8.4	8.6	8.1	10.2
Italy .....	4.0	12.2	5.9	8.9	11.5	2.3	7.4	-10.9	8.1	9.7	-0.3	10.1	9.0	5.1	8.3
Austria .....	-2.9	5.4	10.4	8.0	6.9	5.8	1.4	-1.1	8.2	9.3	5.8	9.7	3.7	7.1	6.3
Belgium .....	4.5	6.7	10.4	9.6	4.8	2.8	4.1	-0.4	7.2	5.0	0.8	5.7	6.5	4.5	9.9
Finland .....	1.5	9.2	10.9	9.0	-0.8	-13.5	0.6	1.3	12.8	7.8	6.4	11.3	8.5	4.3	12.8
Greece .....	3.8	16.6	8.0	10.6	8.7	6.0	-2.8	0.2	1.2	9.3	7.0	13.9	11.3	3.9	8.7
Ireland .....	5.6	6.2	4.9	13.5	5.1	2.4	8.2	7.5	15.5	16.4	12.5	16.8	25.8	8.7	16.3
Luxembourg .....	3.8	7.5	8.2	6.6	4.5	9.0	-0.8	2.8	-0.1	3.8	4.0	9.3	8.3	11.2	11.2
Netherlands .....	3.5	4.2	7.6	6.7	4.2	4.1	2.1	-2.1	6.7	7.5	4.4	9.5	8.0	6.3	8.9
Portugal .....	16.9	23.1	18.0	6.1	14.0	7.3	10.7	-3.3	9.0	9.1	4.9	10.6	13.8	8.8	8.7
Spain .....	14.4	20.1	14.4	17.3	7.8	9.0	6.9	-5.2	11.3	11.0	8.0	13.3	13.4	11.9	10.4
<b>Euro area<sup>b</sup></b> .....	5.2	9.1	7.9	9.3	8.5	6.5	3.6	-5.2	8.1	7.9	3.0	9.2	9.8	6.6	10.6
United Kingdom .....	6.9	7.9	12.8	7.4	0.5	-5.0	6.8	3.2	5.4	5.5	9.1	9.2	8.8	8.1	8.9
Denmark .....	9.7	-2.8	5.3	4.1	1.2	3.0	-0.4	-2.7	12.3	7.3	3.5	10.0	7.4	2.2	5.8
Sweden .....	4.5	7.7	5.3	7.4	0.7	-4.9	1.1	-2.5	12.2	7.2	3.0	12.5	11.2	4.3	9.7
<b>European Union<sup>c</sup></b> .....	5.5	8.7	8.6	8.9	6.9	4.4	4.0	-3.8	7.9	7.5	3.9	9.3	9.7	6.7	10.2
Cyprus .....	-11.0	5.5	13.4	20.4	5.8	2.2	18.2	-18.1	8.2	11.5	6.7	-0.5	7.5	-3.3	5.4
Iceland .....	0.9	23.3	-4.6	-10.3	1.3	5.4	-8.0	-8.6	4.2	3.8	16.7	8.6	23.3	6.1	7.0
Israel .....	11.2	19.6	-2.8	-5.0	9.5	16.0	8.8	14.1	10.9	4.5	8.2	1.9	1.7	14.6	4.8
Malta .....	0.1	12.3	11.1	11.1	15.7	5.4	3.0	5.9	7.5	10.0	-5.9	-1.7	2.5	9.1	13.9
Norway .....	11.8	-6.5	-2.4	2.2	2.5	0.2	0.7	4.4	4.9	5.6	8.0	11.3	9.3	-3.1	1.2
Switzerland .....	8.1	6.2	5.2	5.9	2.6	-1.6	-4.2	0.1	7.9	5.1	2.7	7.6	9.6	5.5	6.4
Turkey .....	-3.5	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	18.0
<b>Western Europe</b> .....	5.2	9.1	7.7	8.6	8.0	3.7	4.1	-1.8	6.4	8.5	4.8	9.9	9.3	6.1	10.4
Canada .....	8.5	5.6	13.7	6.3	2.3	3.2	6.2	7.4	8.3	6.2	5.8	15.1	6.1	9.4	12.0
United States .....	8.4	6.1	3.8	4.0	3.8	-0.5	6.6	9.1	12.0	8.2	8.6	13.7	11.9	10.7	13.7
<b>North America</b> .....	8.4	6.0	4.6	4.2	3.7	-0.2	6.6	8.9	11.7	8.0	8.4	13.8	11.4	10.6	13.5
Japan .....	3.2	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	9.7
<b>Total above</b> .....	6.2	8.1	8.3	7.9	6.0	1.3	4.4	2.8	8.9	9.0	7.6	10.2	7.6	7.5	11.6
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	4.8	7.6	7.8	8.2	7.3	4.4	4.1	-4.4	7.3	7.0	3.3	8.6	9.3	6.5	10.5
<b>Western Europe and North America</b> .....	6.8	7.6	6.2	6.4	5.8	1.8	5.3	3.6	9.1	8.3	6.6	11.9	10.3	8.3	11.9

Source: Eurostat; OECD; national statistics.

Note: See appendix table A.1.

<sup>a</sup> West Germany 1986-1991.

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

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

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

## APPENDIX TABLE A.8

**Industrial output in western Europe, North America and Japan, 1986-2000**  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	0.6	1.2	4.6	3.7	3.2	-0.2	-1.1	-3.7	3.9	2.5	0.8	3.8	5.2	2.1	3.2
Germany <sup>a</sup> .....	1.8	0.4	3.6	4.9	5.2	2.4	-2.3	-7.6	3.6	1.2	0.6	3.5	4.2	1.5	6.6
Italy .....	4.1	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
Austria .....	1.2	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	9.1*
Belgium .....	0.8	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
Finland .....	1.8	5.0	3.2	3.6	-0.6	-8.7	1.3	5.6	11.3	7.3	3.6	10.2	7.4	5.4	11.5
Greece .....	-0.3	-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	-1.3*
Ireland .....	2.1	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	15.1
Luxembourg .....	1.9	-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	4.1*
Netherlands .....	0.2	1.1	0.1	5.1	2.4	1.8	-0.2	-1.1	4.9	4.6	2.4	0.2	2.4	2.2	2.9
Portugal .....	7.3	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
Spain .....	3.3	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
<b>Euro area<sup>b</sup></b> .....	2.2	1.8	4.5	4.6	4.2	0.5	-1.5	-4.3	4.7	3.7	0.3	4.2	4.2	1.9	5.2
United Kingdom .....	1.4	4.1	5.2	2.1	-	-3.3	0.4	2.1	5.2	1.8	1.0	1.0	0.8	0.5	1.5
Denmark .....	7.3	-3.0	2.2	2.0	3.1	-	3.4	-2.6	10.0	4.6	2.0	5.6	2.2	2.5	6.4
Sweden .....	0.2	2.8	2.9	2.9	0.3	-5.2	-1.7	-0.4	11.5	9.8	1.0	6.5	4.2	3.0	10.0
<b>European Union<sup>c</sup></b> .....	2.1	2.1	4.5	4.1	3.5	-0.2	-1.2	-3.3	5.0	3.6	0.4	3.8	3.7	1.7	4.8
Israel .....	3.6	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	...
Norway .....	4.1	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
Switzerland .....	3.8	1.2	7.8	1.5	4.8	0.5	-1.0	-1.8	4.3	2.0	-	4.7	3.6	3.4	8.1
Turkey .....	11.7	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	7.0
<b>Western Europe</b> .....	2.5	2.4	4.4	4.1	3.7	0.1	-0.9	-2.8	4.4	3.9	0.8	4.2	3.5	1.5	5.1
Canada .....	-0.6	4.4	6.1	-0.4	-2.8	-3.8	1.1	4.5	6.5	4.5	1.4	4.4	2.4	4.4	5.6
United States .....	1.2	4.6	4.5	1.8	-0.2	-2.0	3.1	3.5	5.4	4.8	4.6	6.8	4.9	4.2	5.7
<b>North America</b> .....	1.0	4.6	4.7	1.6	-0.4	-2.1	3.0	3.6	5.5	4.8	4.3	6.7	4.7	4.2	5.7
Japan .....	-0.2	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	5.6
<b>Total above</b> .....	1.4	3.4	5.4	3.5	2.3	-0.4	-0.5	-0.6	4.3	4.1	2.5	5.1	2.2	2.5	5.4
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	2.0	1.8	4.8	3.9	4.0	0.2	-1.3	-3.8	4.6	2.5	0.1	3.2	3.0	1.1	4.5
<b>Western Europe and North America</b> .....	1.8	3.4	4.5	2.9	1.8	-0.9	0.8	0.1	4.9	4.3	2.5	5.4	4.1	2.9	5.4

*Source:* National statistics; OECD, *Main Economic Indicators* (Paris), various issues; UN/ECE secretariat estimates.

*Note:* Growth rates of regional aggregates have been calculated as weighted averages of growth rates in individual countries. Weights were derived from 1995 gross value added originating in industry converted from national currency units into dollars using 1995 GDP.

<sup>a</sup> West Germany 1986-1991.

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

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

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

APPENDIX TABLE A.9

**Total employment in western Europe, North America and Japan, 1986-2000**  
(Percentage change over preceding year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	0.4	0.8	0.9	1.7	1.0	0.1	-0.5	-1.2	-0.1	0.8	0.3	0.3	1.2	1.8	1.9
Germany <sup>a</sup> .....	1.4	0.7	0.8	1.5	3.0	2.5	-1.5	-1.4	-0.2	0.2	-0.3	-0.2	0.9	1.1	1.5
Italy .....	0.7	0.2	1.1	0.7	1.6	1.9	-0.5	-2.5	-1.5	-0.1	0.6	0.4	1.0	1.2	1.4
Austria .....	0.4	-	0.6	1.3	1.6	1.4	0.2	-0.6	-0.2	-	-0.6	0.5	0.8	1.4	0.9
Belgium .....	0.6	0.6	1.7	1.2	0.9	0.1	-0.5	-0.8	-0.4	0.7	0.4	0.8	1.2	1.3	1.3
Finland .....	-0.4	0.5	1.0	0.9	-0.5	-5.7	-7.2	-6.2	-1.1	1.6	1.4	3.3	2.1	2.1	1.5
Greece .....	0.4	-0.1	1.6	0.4	1.3	-2.3	1.5	0.9	1.9	0.9	-0.4	-0.3	3.4	-0.7	1.2
Ireland .....	0.5	0.6	0.3	-0.1	3.3	-0.1	3.1	1.5	3.2	5.4	3.8	5.6	5.0	6.4	5.0
Luxembourg .....	2.5	2.7	-7.0	1.5	1.6	1.3	0.2	-0.5	0.7	0.9	2.3	3.2	4.4	5.1	5.2
Netherlands .....	2.5	1.6	2.3	1.8	3.0	2.6	1.6	0.7	-0.1	2.4	2.3	3.2	3.0	2.8	2.7
Portugal .....	2.7	2.3	2.2	1.9	1.7	2.8	-1.6	-2.0	-1.0	-0.2	2.3	1.7	2.7	1.8	1.5
Spain .....	2.2	3.1	2.9	4.1	2.6	0.2	-1.9	-4.3	-0.9	1.8	1.3	2.8	3.7	3.5	3.1
<b>Euro area<sup>b</sup></b> .....	1.1	0.9	1.3	1.6	2.0	1.3	-0.9	-1.7	-0.4	0.7	0.5	0.8	1.7	1.7	1.8
United Kingdom <sup>c</sup> .....	0.2	2.0	3.6	3.2	1.0	-3.2	-2.6	-1.3	0.6	1.1	1.0	2.0	1.2	1.0	0.6
Denmark .....	2.3	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	0.9
Sweden .....	0.6	0.8	1.4	1.5	0.9	-1.5	-4.4	-5.1	-0.8	1.3	-0.6	-1.1	1.2	2.3	2.0
<b>European Union<sup>d</sup></b> .....	1.0	1.1	1.6	1.8	1.8	0.4	-1.3	-1.8	-0.2	0.7	0.6	1.0	1.6	1.6	1.6
Cyprus <sup>e</sup> .....	1.1	3.1	4.7	3.9	2.8	0.6	4.5	-0.1	2.3	3.4	1.0	-0.2	1.2	0.8	..
Iceland <sup>e</sup> .....	3.2	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
Israel .....	1.4	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
Malta <sup>f</sup> .....	2.1	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
Norway .....	3.3	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
Switzerland .....	2.3	2.5	2.6	2.7	3.2	1.8	-1.6	-0.7	-0.3	0.3	0.3	-0.3	1.2	0.6	1.4
Turkey .....	1.9	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
<b>Western Europe</b> .....	1.1	1.3	1.6	1.9	1.8	0.6	-1.1	-1.4	0.2	1.1	0.8	0.6	1.7	1.6	1.7
Canada .....	3.1	2.8	3.2	2.2	0.8	-1.8	-0.7	0.8	2.0	1.9	0.8	2.3	2.6	2.8	2.6
United States .....	2.3	2.6	2.2	2.1	1.2	-0.9	0.7	1.5	2.3	1.5	1.4	2.2	1.5	1.5	1.3
<b>North America</b> .....	2.4	2.6	2.3	2.1	1.2	-1.0	0.5	1.4	2.3	1.5	1.4	2.3	1.6	1.7	1.4
Japan .....	0.5	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	-0.5
<b>Total above</b> .....	1.4	1.6	1.8	1.9	1.5	0.3	-0.2	-0.1	0.9	1.1	0.9	1.3	1.2	1.2	1.3
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>g</sup></b> .....															
	0.7	0.9	1.6	1.8	1.8	0.4	-1.3	-1.6	-0.2	0.5	0.3	0.6	1.1	1.2	1.3
<b>Western Europe and North America</b> .....															
	1.6	1.8	1.9	2.0	1.5	-0.1	-0.4	-0.2	1.1	1.3	1.0	1.3	1.6	1.6	1.6

*Source:* OECD, *Main Economic Indicators* and *Quarterly Labour Force Statistics*, latest issues; Eurostat, *New Cronos Database*; 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, United Kingdom, United States; Austria (up to 1987); Portugal (up to 1990); Ireland, Netherlands and Spain (up to 1994). All aggregates exclude Israel.

<sup>a</sup> West Germany 1986-1991.

<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, 1986-2000  
(Per cent of civilian labour force)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	10.3	10.5	10.0	9.4	9.0	9.5	10.4	11.7	12.3	11.7	12.4	12.3	11.8	11.2	9.5
Germany <sup>b</sup> .....	6.5	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	8.1
Italy .....	9.0	9.8	9.8	9.8	9.0	8.6	8.8	10.2	11.1	11.6	11.7	11.7	11.8	11.3	10.5
Austria .....	3.1	3.8	3.6	3.1	3.2	3.5	3.6	4.0	3.8	3.9	4.3	4.4	4.5	4.0	3.7
Belgium .....	10.3	10.1	9.0	7.5	6.7	6.6	7.2	8.8	10.0	9.9	9.7	9.4	9.5	8.8	7.0
Finland .....	6.7	4.9	4.2	3.1	3.2	6.6	11.7	16.3	16.6	15.4	14.6	12.7	11.4	10.2	9.8
Greece .....	6.6	6.7	6.8	6.7	6.4	7.0	7.9	8.6	8.9	9.2	9.6	9.8	10.9	11.7	11.1*
Ireland .....	16.8	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
Luxembourg .....	2.6	2.5	2.0	1.8	1.7	1.7	2.1	2.6	3.2	2.9	3.0	2.7	2.7	2.3	2.2
Netherlands .....	8.3	8.1	7.6	6.9	6.2	5.8	5.6	6.5	7.1	6.9	6.3	5.2	4.0	3.3	2.8
Portugal .....	8.8	7.3	5.9	5.2	4.8	4.2	4.3	5.7	6.9	7.3	7.3	6.8	5.2	4.5	4.2
Spain .....	21.2	20.6	19.5	17.2	16.3	16.4	18.4	22.7	24.2	22.9	22.2	20.8	18.8	15.9	14.1
<b>Euro area<sup>c</sup></b> .....	9.9	9.9	9.5	8.8	8.1	8.2	9.1	10.8	11.5	11.2	11.5	11.5	10.9	10.0	9.1
United Kingdom .....	11.6	10.6	8.7	7.3	7.1	8.8	10.0	10.5	9.6	8.7	8.2	7.0	6.3	6.1	5.6
Denmark .....	5.4	5.4	6.1	7.3	7.7	8.4	9.2	10.2	8.2	7.2	6.8	5.6	5.2	5.2	4.7
Sweden .....	2.7	2.2	1.8	1.5	1.7	3.1	5.6	9.1	9.4	8.8	9.6	9.9	8.3	7.2	5.9
<b>European Union<sup>d</sup></b> .....	9.9	9.7	9.1	8.3	7.7	8.2	9.2	10.7	11.1	10.7	10.8	10.6	10.0	9.2	8.3
Cyprus <sup>e</sup> .....	3.7	3.4	2.8	2.3	1.8	3.0	1.8	2.6	2.7	2.6	3.1	3.4	3.3	3.8	3.5*
Iceland .....	0.6	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
Israel <sup>f</sup> .....	7.1	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
Malta <sup>g</sup> .....	6.9	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
Norway .....	2.0	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*
Switzerland .....	0.8	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	2.7
Turkey <sup>f</sup> .....	7.9	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
<b>Western Europe</b> .....	9.4	9.2	8.7	8.1	7.6	8.0	8.9	10.1	10.5	10.0	10.0	9.9	9.4	8.8	7.9
Canada .....	9.6	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
United States .....	7.0	6.2	5.5	5.3	5.6	6.7	7.4	6.8	6.1	5.6	5.4	4.9	4.5	4.2	4.0
<b>North America</b> .....	7.3	6.5	5.7	5.5	5.9	7.1	7.8	7.3	6.5	6.0	5.8	5.3	4.9	4.5	4.3
Japan .....	2.8	2.9	2.5	2.3	2.1	2.1	2.2	2.5	2.9	3.1	3.4	3.4	4.1	4.7	4.7
<b>Total above</b> .....	7.5	7.2	6.6	6.2	6.1	6.7	7.4	7.9	7.8	7.4	7.4	7.2	6.9	6.6	6.1
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>h</sup></b> .....	9.3	9.2	8.6	7.9	7.3	7.3	8.7	9.8	10.1	9.7	10.0	10.1	9.6	9.1	8.3
<b>Western Europe and North America</b> .....	8.5	8.1	7.4	7.0	6.8	7.6	8.4	8.9	8.8	8.3	8.2	7.9	7.4	7.0	6.4

Source: OECD, *Main Economic Indicators* and *Quarterly Labour Force Statistics*, 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), Finland (1984), Iceland (1991), Israel (1995), Norway (1989), Portugal (1983), Switzerland (1991) and the United States (1994).

<sup>a</sup> Eurostat-OECD definition except for Austria (1982-1992), Cyprus, Finland (1982-1983), Iceland (1982-1990), Israel, Malta, Switzerland (1982-1990) and Turkey.

<sup>b</sup> West Germany 1986-1990.

<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, 1986-2000**  
(Percentage change over previous year)

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
France .....	2.7	3.1	2.7	3.6	3.3	3.2	2.4	2.1	1.7	1.7	2.0	1.2	0.7	0.5	1.5
Germany <sup>a</sup> .....	-0.2	0.3	1.2	2.8	2.7	3.6	5.1	4.5	2.7	1.8	1.5	1.8	0.9	0.6	1.9
Italy .....	5.8	4.8	5.1	6.3	6.5	6.3	5.3	4.6	4.1	5.2	3.9	1.7	1.8	2.2	2.5
Austria .....	1.7	1.4	2.0	2.5	3.2	3.4	4.0	3.7	3.0	2.2	1.9	1.3	0.9	0.6	2.3
Belgium .....	1.3	1.5	1.1	3.2	3.4	3.2	2.4	2.8	2.4	1.5	2.0	1.6	1.0	1.1	2.6
Finland .....	2.9	4.1	5.1	6.6	6.2	4.3	3.0	2.1	1.1	1.0	0.6	1.2	1.4	1.2	3.4
Greece .....	23.0	16.4	13.5	13.7	20.4	19.5	15.9	14.4	10.7	8.8	8.3	5.5	4.8	2.6	3.1
Ireland .....	3.8	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
Luxembourg .....	0.3	-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	3.1
Netherlands .....	0.2	-0.8	0.7	1.1	2.5	3.1	3.2	2.6	2.7	2.0	2.0	2.2	2.0	2.2	2.6
Portugal .....	11.8	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
Spain .....	8.8	5.2	4.8	6.9	6.7	5.9	5.9	4.6	4.8	4.6	3.6	2.0	1.8	2.3	3.4
<b>Euro area<sup>b</sup></b> .....	3.7	3.1	3.3	4.6	4.8	4.9	4.8	4.1	3.3	3.0	2.6	1.8	1.4	1.3	2.3
United Kingdom .....	3.4	4.1	4.9	7.8	9.5	5.9	3.7	1.6	2.4	3.5	2.4	3.1	3.4	1.5	3.0
Denmark .....	3.6	4.0	4.6	4.8	2.7	2.4	2.1	1.3	2.0	2.1	2.0	2.2	1.9	2.5	3.0
Sweden .....	4.2	4.2	5.8	6.5	10.4	9.4	2.2	4.7	2.2	2.5	0.5	0.5	-0.1	0.4	1.0
<b>European Union<sup>c</sup></b> .....	3.7	3.3	3.6	5.2	5.6	5.1	4.5	3.7	3.1	3.1	2.5	2.0	1.7	1.3	2.4
Cyprus .....	1.2	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
Iceland .....	22.7	18.8	19.1	20.8	15.4	6.8	3.7	4.1	1.5	1.7	2.3	1.8	1.7	3.2	5.2
Israel .....	48.1	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
Malta .....	2.0	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
Norway .....	7.2	8.7	6.7	4.6	4.1	3.4	2.3	2.3	1.4	2.4	1.3	2.6	2.3	2.3	3.1
Switzerland .....	0.8	1.4	1.9	3.2	5.5	5.8	4.1	3.3	0.8	1.8	0.8	0.5	-	0.8	1.5
Turkey .....	34.3	37.8	69.4	63.3	60.3	65.8	70.1	66.2	105.2	88.0	79.8	84.8	86.2	64.9	48.8
<b>Western Europe</b> .....	3.6	3.3	3.6	5.1	5.6	5.1	4.5	3.7	3.0	3.0	2.4	2.0	1.7	1.3	2.4
Canada .....	4.1	4.4	4.0	5.0	4.8	5.6	1.5	1.8	0.2	2.2	1.6	1.6	0.9	1.7	2.7
United States .....	1.9	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
<b>North America</b> .....	2.0	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
Japan .....	0.7	-	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
<b>Total above</b> .....	2.4	3.0	3.4	4.6	5.1	4.4	3.3	3.0	2.4	2.5	2.3	2.1	1.4	1.5	2.4
<i>Memorandum items:</i>															
<b>4 major west European economies<sup>d</sup></b> .....	2.6	2.8	3.2	4.9	5.2	4.6	4.2	3.3	2.7	2.9	2.4	2.0	1.6	1.2	2.2
<b>Western Europe and North America</b> .....	2.7	3.5	3.9	5.0	5.5	4.7	3.6	3.2	2.7	2.9	2.7	2.1	1.6	1.8	2.9

*Source:* National statistics.

*Note:* All aggregates exclude Israel and Turkey. Growth rates of regional aggregates have been calculated as weighted averages of growth rates in individual countries. Weights were derived from 1996 private final consumption expenditure converted from national currency units into dollars using 1996 purchasing power parities.

<sup>a</sup> West Germany 1986-1991.

<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, 1987-2000  
(Indices, 1989=100)

	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	88.7	99.4	100.8	100.0	93.2	82.9	79.3	79.0	82.1	86.9	90.3	92.1	93.8	95.0	98.7
Albania .....	79.4	92.4	91.0	100.0	90.0	64.8	60.1	65.9	71.4	80.9	88.2	82.0	88.6	95.0	102.6
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bulgaria .....	76.2	99.3	101.9	100.0	90.9	83.3	77.2	76.1	77.5	79.7	71.6	66.6	68.9	70.6	74.1
Croatia <sup>a</sup> .....	99.0	102.5	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
Czech Republic .....	..	93.7	95.7	100.0	98.8	87.3	86.9	86.9	88.8	94.1	98.7	97.7	95.5	94.8	97.7
Hungary .....	86.3	99.4	99.3	100.0	96.5	85.0	82.4	81.9	84.4	85.6	86.8	90.7	95.1	99.3	104.5
Poland .....	91.1	95.9	99.8	100.0	88.4	82.2	84.4	87.6	92.1	98.6	104.5	111.7	117.1	121.8	126.8
Romania .....	88.5	106.7	106.2	100.0	94.4	82.2	75.0	76.2	79.2	84.8	88.2	82.8	78.3	75.8	77.0
Slovakia .....	..	97.1	99.0	100.0	97.5	83.3	77.9	75.1	78.7	84.0	89.2	94.8	98.6	100.5	102.7
Slovenia .....	98.9	103.5	100.5	100.0	91.9	83.7	79.1	81.4	85.7	89.3	92.4	96.6	100.3	105.5	110.6
The former Yugoslav															
Republic of Macedonia .....	93.3	101.4	98.1	100.0	89.8	84.3	78.7	72.8	71.6	70.8	71.6	72.6	74.8	76.8	80.7
Yugoslavia <sup>a</sup> .....	95.7	100.2	98.8	100.0	92.1	81.4	58.7	40.6	41.7	44.2	46.8	50.3	51.5	41.6	45.7
<b>Baltic states</b> .....	67.8	89.0	96.0	100.0	97.8	89.9	67.9	58.2	55.2	56.4	58.8	63.7	66.7	65.3	68.5
Estonia .....	74.5	89.2	93.8	100.0	91.9	82.7	71.0	65.0	63.7	66.4	69.0	76.3	79.9	79.0	84.1
Latvia .....	68.5	89.0	93.6	100.0	102.9	92.2	60.1	51.1	51.5	51.0	52.7	57.3	59.5	60.1	64.1
Lithuania .....	64.7	88.9	98.4	100.0	96.7	91.2	71.8	60.2	54.3	56.1	58.7	63.0	66.2	63.4	65.3
<b>CIS</b> <sup>b,c</sup> .....	77.5	93.9	98.1	100.0	96.8	90.9	78.0	70.4	60.3	56.9	55.0	55.6	54.0	55.7	59.8
Armenia .....	73.5	94.5	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
Azerbaijan .....	79.6	105.1	109.7	100.0	88.3	87.7	67.9	52.2	41.9	37.0	37.4	39.6	43.6	46.8	52.1
Belarus .....	65.7	91.3	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
Georgia .....	79.4	96.8	103.6	100.0	84.9	67.0	36.9	26.1	23.4	24.0	26.7	29.5	30.4	31.3	31.9
Kazakhstan .....	87.0	92.1	100.1	100.0	99.0	88.2	83.5	75.8	66.2	60.8	61.1	62.1	61.0	62.6	68.6
Kyrgyzstan .....	69.1	84.7	95.6	100.0	104.8	96.5	83.2	70.3	56.2	53.1	56.9	62.5	63.9	66.2	69.5
Republic of Moldova .....	72.1	90.3	91.9	100.0	97.6	80.5	57.2	56.5	39.0	38.5	36.2	36.8	34.4	33.2	33.9
Russian Federation .....	78.1	94.2	98.4	100.0	97.0	92.2	78.8	71.9	62.8	60.2	58.2	58.7	55.8	57.8	62.2
Tajikistan .....	80.8	93.9	106.9	100.0	100.2	91.7	62.1	52.0	40.9	35.8	29.8	30.3	32.0	33.1	35.9
Turkmenistan .....	80.7	97.1	107.5	100.0	101.8	97.0	82.5	83.7	69.2	64.2	68.5	60.7	63.8	74.0	87.0
Ukraine .....	75.0	93.4	95.2	100.0	96.4	88.0	79.3	68.0	52.5	46.1	41.5	40.2	39.4	39.3	41.6
Uzbekistan .....	76.0	88.4	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
<b>Total above</b> .....	80.3	95.2	98.7	100.0	95.9	88.8	78.2	72.4	65.9	64.8	64.3	65.4	64.7	66.2	70.2
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	88.6	97.3	99.6	100.0	93.3	84.1	83.8	85.0	88.5	93.5	98.0	102.4	105.7	108.8	113.1
<b>SETE-7</b> .....	88.8	103.1	102.9	100.0	93.1	80.8	71.4	68.5	70.9	75.3	76.7	74.1	72.9	70.7	73.3
Czechoslovakia <sup>b</sup> .....	84.9	97.0	99.3	100.0	98.5	84.4	78.8	..	..	..	..	..	..	..	..
Yugoslavia (SFR) <sup>a</sup> .....	97.7	101.0	99.4	100.0	92.4	..	..	..	..	..	..	..	..	..	..
Former Soviet Union <sup>b</sup> .....	77.3	93.8	98.0	100.0	96.8	90.9	77.7	70.1	60.2	56.9	55.1	55.9	54.3	55.9	60.1
Former GDR .....	..	..	..	100.0	84.5	68.3	73.6	80.4	88.2	92.0	95.0	96.6	98.5	..	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

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).

<sup>b</sup> Sum of individual country data for former members.

<sup>c</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, 1987-2000**  
(Indices, 1989=100 or earliest year available thereafter)

	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Bulgaria .....	..	..	..	100.0	100.6	92.3	89.4	86.2	82.3	80.7	75.3	64.0	68.8	72.0	..
Croatia .....	..	..	..	..	..	100.0	87.2	85.3	92.0	106.6	106.5	117.1	118.2	116.2	119.3
Czech Republic .....	..	91.3	93.1	100.0	104.9	85.5	88.4	90.2	94.5	97.2	103.0	104.6	102.3	102.7	103.7
Hungary .....	92.2	104.9	102.0	100.0	97.3	92.2	92.8	97.9	95.6	89.3	86.6	88.6	91.7	95.6	98.6
Poland .....	108.0	111.8	114.7	100.0	88.3	94.9	98.2	103.0	107.0	110.5	118.4	125.6	130.8	136.8	139.6
Romania .....	83.9	88.7	90.6	100.0	108.9	96.0	90.7	91.8	95.3	105.5	112.9	108.1	103.7	99.1	100.7
Slovakia .....	..	89.2	92.1	100.0	103.3	76.9	75.6	74.2	71.5	73.9	82.4	86.5	91.1	89.2	86.8
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	94.2	96.4	98.4	101.9	102.4	..
Estonia .....	..	..	..	..	..	..	..	100.0	101.2	110.4	116.5	124.4	131.3	131.6	..
Latvia .....	..	..	..	..	100.0	76.7	49.2	46.5	47.4	47.0	50.8	52.7	56.0	58.4	..
Lithuania .....	..	..	..	..	..	..	..	..	..	100.0	108.2	116.4	125.4	120.2	..
Armenia .....	..	..	..	..	100.0	97.4	84.9	66.4	68.9	74.5	76.8	81.7	85.4	85.7	..
Azerbaijan .....	..	..	..	..	..	..	100.0	77.4	62.2	60.4	65.3	72.2	80.4	..	..
Belarus .....	..	..	..	..	100.0	93.5	84.1	78.8	70.0	63.4	65.7	72.3	80.9	87.7	..
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	53.6	..
Kyrgyzstan .....	..	..	..	..	100.0	83.5	72.8	64.3	51.8	43.4	46.2	42.4	48.8	49.3	..
Republic of Moldova .....	..	..	..	..	..	..	..	100.0	82.6	90.3	99.7	111.5	109.3	92.0	100.5
Russian Federation .....	..	..	..	..	100.0	93.9	89.0	88.1	85.8	83.3	80.7	82.7	76.7	72.6	78.1
Ukraine .....	..	..	..	..	100.0	94.3	88.6	72.0	65.0	62.6	57.4	56.4	56.3	55.6	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

APPENDIX TABLE B.3

**Real gross fixed capital formation in eastern Europe, the Baltic states and the CIS, 1980, 1987-2000**  
(Indices, 1989=100 or earliest year available thereafter)

	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Bulgaria .....	..	..	..	..	100.0	80.0	74.1	61.2	61.9	71.8	56.6	43.0	57.2	71.7	..
Croatia .....	..	..	..	..	..	100.0	88.5	94.5	93.6	108.2	148.8	183.5	189.1	187.0	180.5
Czech Republic .....	..	93.4	99.4	100.0	97.9	71.1	82.8	83.0	90.5	108.5	117.3	113.9	109.4	104.6	110.1
Hungary .....	114.7	110.7	100.6	100.0	92.9	83.1	81.0	82.6	92.9	88.9	94.8	103.6	117.3	125.0	133.3
Poland .....	124.6	116.5	126.5	100.0	75.2	71.9	73.6	75.7	82.6	96.2	115.2	140.1	160.0	170.5	175.7
Romania .....	163.7	161.0	157.6	100.0	64.4	44.0	48.9	52.9	63.9	68.3	72.2	73.4	69.6	62.1	65.5
Slovakia .....	..	..	..	..	100.0	74.8	71.5	67.7	64.6	68.0	89.7	100.4	111.6	90.6	90.0
Slovenia .....	..	..	..	..	100.0	88.5	77.1	85.4	97.4	113.8	123.9	138.2	153.9	183.2	186.1
The former Yugoslav Republic of Macedonia .....	..	..	..	..	100.0	95.8	79.9	73.6	67.3	74.1	79.0	75.6	76.7	77.6	..
Estonia .....	..	..	..	..	..	..	..	100.0	106.2	110.5	123.1	144.6	161.0	136.5	..
Latvia .....	..	..	..	..	100.0	36.1	25.7	21.6	21.8	23.7	29.0	35.0	50.4	47.2	..
Lithuania .....	..	..	..	..	..	..	..	..	..	100.0	117.6	143.6	157.8	149.0	..
Armenia .....	..	..	..	..	100.0	67.0	8.6	7.9	11.5	9.5	10.5	10.7	12.0	12.1	..
Azerbaijan .....	..	..	..	..	..	..	100.0	61.0	115.3	94.5	199.8	333.7	483.9	..	..
Belarus .....	..	..	..	..	100.0	104.2	84.8	78.3	67.6	47.6	46.1	56.2	61.8	59.3	..
Georgia .....	..	..	..	..	100.0	67.3	49.2	18.5	133.4	219.9	..	..	..	..	..
Kazakhstan .....	..	..	..	..	100.0	74.2	61.9	44.2	39.2	24.4	18.5	19.2	16.1	16.2	..
Kyrgyzstan .....	..	..	..	..	100.0	89.4	63.2	49.4	35.1	56.4	49.1	34.6	34.0	43.6	..
Republic of Moldova .....	..	..	..	..	..	..	..	100.0	56.5	50.8	63.8	60.4	66.0	50.8	53.4
Russian Federation .....	..	..	..	..	100.0	84.5	49.4	36.7	27.1	24.6	20.4	18.9	17.7	17.4	20.0
Ukraine .....	..	..	..	..	100.0	81.6	69.3	48.2	28.4	19.7	15.2	15.5	15.9	15.9	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

APPENDIX TABLE B.4

Real gross industrial output in eastern Europe, the Baltic states and the CIS, 1980, 1987-2000  
(Indices, 1989=100)

	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	82.8	98.5	100.6	100.0	85.9	70.2	63.0	61.5	65.5	70.3	73.9	77.5	78.6	78.5	85.0
Albania .....	77.0	93.3	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
Bosnia and Herzegovina .....	106.0	101.1	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
Bulgaria .....	71.3	98.0	101.1	100.0	83.2	66.4	54.2	48.8	54.0	56.4	59.3	53.4	49.1	43.1	44.1
Croatia .....	88.7	102.0	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
Czech Republic .....	81.5	96.5	98.5	100.0	96.6	75.7	69.8	66.1	67.4	73.3	74.8	78.1	79.4	76.9	80.9
Hungary .....	92.9	106.4	105.3	100.0	90.7	74.0	66.8	69.5	76.2	79.7	82.4	91.5	103.0	113.7	134.5
Poland .....	86.3	95.5	100.5	100.0	75.8	69.7	71.7	76.3	85.5	93.8	101.6	113.3	117.3	122.9	131.6
Romania .....	76.9	99.2	101.9	100.0	81.9	63.3	49.4	50.1	51.7	56.6	60.1	55.8	48.1	44.3	47.9
Slovakia .....	76.7	98.6	100.8	100.0	94.0	75.9	68.6	66.1	69.3	75.1	76.9	77.9	80.9	78.0	85.1
Slovenia .....	90.3	101.6	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
The former Yugoslav															
Republic of Macedonia .....	72.1	97.3	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
Yugoslavia .....	80.0	97.6	98.4	100.0	88.0	72.5	57.0	35.7	36.2	37.6	40.4	44.2	45.8	35.2	39.1
<b>Baltic states</b> .....	72.1	92.7	96.6	100.0	98.6	95.1	64.7	44.4	36.3	37.1	38.9	42.1	44.6	41.2	43.9
Estonia .....	78.5	96.3	99.3	100.0	100.0	92.8	59.8	48.6	47.1	48.0	49.4	56.6	59.0	58.0	63.2
Latvia .....	72.5	93.7	97.1	100.0	100.8	100.2	65.6	44.6	40.1	38.7	40.8	46.4	47.9	45.3	46.7
Lithuania .....	70.0	91.2	95.6	100.0	97.4	94.0	65.8	43.2	31.7	33.4	35.0	36.2	39.2	34.8	37.2
<b>CIS<sup>a</sup></b> .....	73.4	94.5	98.2	100.0	99.9	93.1	78.2	68.4	53.6	50.7	49.0	50.2	48.7	52.2	57.2
Armenia .....	76.3	110.3	109.1	100.0	92.5	85.4	44.2	39.5	41.6	42.2	42.8	43.2	42.3	44.5	47.4
Azerbaijan .....	76.1	96.1	99.4	100.0	93.7	85.4	59.4	47.7	35.9	28.2	26.3	26.4	27.0	28.0	29.9
Belarus .....	61.1	89.9	95.6	100.0	102.1	101.1	91.8	83.2	71.0	62.7	64.9	77.1	86.7	95.6	103.2
Georgia .....	70.6	96.2	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
Kazakhstan .....	72.4	94.1	97.6	100.0	99.2	98.3	84.7	72.2	51.9	47.7	47.8	49.7	48.5	49.8	57.1
Kyrgyzstan .....	66.7	89.0	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
Republic of Moldova .....	68.7	91.6	94.6	100.0	103.2	91.7	66.9	67.1	48.5	46.6	43.6	43.6	37.0	32.7	33.5
Russian Federation .....	74.4	95.0	98.6	100.0	99.9	91.9	75.4	64.7	51.2	49.5	47.5	48.5	46.0	49.7	54.2
Tajikistan .....	72.9	93.1	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
Turkmenistan .....	75.4	92.9	96.9	100.0	103.2	108.2	92.0	95.7	72.1	67.5	79.5	53.8	54.0	62.0	79.8
Ukraine .....	72.6	93.4	97.3	100.0	99.9	95.1	89.0	81.9	59.5	52.4	49.7	49.6	49.1	51.2	57.8
Uzbekistan .....	68.5	93.4	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
<b>Total above</b> .....	76.5	95.8	99.0	100.0	95.2	85.4	72.7	65.5	57.2	57.0	57.1	59.2	58.7	60.8	66.3
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	85.4	98.3	100.7	100.0	87.0	73.3	69.8	70.6	76.3	82.4	86.5	93.7	97.8	100.7	109.5
<b>SETE-7</b> .....	78.6	98.8	100.6	100.0	84.1	65.4	52.0	47.0	48.3	51.1	53.9	51.8	48.0	43.3	46.1
Czechoslovakia .....	80.5	97.2	99.2	100.0	96.5	75.2	67.6	..	..	..	..	..	..	..	..
Yugoslavia (SFR) <sup>a</sup> .....	86.9	99.7	98.7	100.0	88.3	71.7	..	..	..	..	..	..	..	..	..
Former Soviet Union .....	73.4	94.5	98.2	100.0	99.8	93.2	77.7	67.5	53.0	50.2	48.6	49.9	48.6	51.8	56.8
Former GDR .....	75.2	94.7	97.7	100.0	72.7	37.0	34.8	36.8	42.0	44.4	45.9	49.1	52.8	55.3	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

Note: Data for former Czechoslovakia and the former SFR of Yugoslavia for 1980 until the breakup obtained as sum of individual country data for former members. For the countries of the former Soviet Union, 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.

<sup>a</sup> Generated from components.

APPENDIX TABLE B.5

**Total employment in eastern Europe, the Baltic states and the CIS, 1980, 1987-2000**  
(Indices, 1989=100)

	1980	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	96.7	100.0	99.9	100.0	97.1	90.7	85.4	82.6	82.6	82.2	82.7	82.7	83.0	80.7	..
Albania .....	77.9	95.9	97.6	100.0	99.2	97.5	76.0	72.7	80.7	79.0	77.5	76.9	75.3	74.0	..
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	38.0
Bulgaria .....	100.0	102.8	102.4	100.0	93.9	81.6	75.0	73.8	74.3	75.2	75.3	72.3	72.2	70.4	..
Croatia .....	87.4	100.6	100.4	100.0	97.1	89.2	79.3	76.6	74.8	73.9	74.5	73.9	78.8	78.5	..
Czech Republic .....	95.3	98.9	99.4	100.0	99.1	93.6	91.2	89.7	90.4	92.8	93.4	91.6	90.1	86.9	..
Hungary <sup>a</sup> .....	104.2	101.7	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
Poland .....	102.0	100.8	100.1	100.0	95.8	90.1	86.3	84.3	85.1	86.7	88.3	90.8	92.9	90.4	..
Romania <sup>b</sup> .....	94.6	97.9	98.7	100.0	99.0	98.5	95.5	91.9	91.5	86.7	85.7	82.4	80.5	76.9	..
Slovakia <sup>b</sup> .....	90.8	99.0	99.8	100.0	98.2	85.9	86.8	84.6	83.7	85.7	84.5	82.6	81.8	78.0	..
Slovenia <sup>c</sup> .....	84.0	101.9	101.3	100.0	96.1	88.7	83.8	81.3	79.3	79.1	78.7	78.6	78.7	80.2	81.1
The former Yugoslav															
Republic of Macedonia .....	81.2	99.9	99.7	100.0	98.2	90.7	86.4	81.5	76.6	69.0	65.8	61.8	60.1	61.1	60.4
Yugoslavia .....	83.4	99.0	99.8	100.0	97.0	94.1	90.9	88.3	86.5	85.3	84.8	89.9	89.7	82.4	..
<b>Baltic states</b> <sup>d</sup> .....	94.9	99.4	99.6	100.0	98.5	98.9	94.4	89.0	83.2	80.6	80.1	80.9	80.5	79.5	..
Estonia .....	..	97.6	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
Latvia .....	97.0	100.4	100.5	100.0	100.1	99.3	92.0	85.6	77.0	74.3	72.3	73.7	74.1	73.8	..
Lithuania .....	93.4	99.5	99.8	100.0	97.3	99.7	97.5	93.4	88.0	86.4	87.2	87.7	87.0	86.6	..
<b>CIS</b> .....	93.8	98.4	98.8	100.0	100.2	98.9	96.6	94.2	91.4	90.5	89.8	88.5	87.5	87.2	..
Armenia .....	86.6	99.5	101.4	100.0	102.4	105.0	99.2	97.0	93.5	92.8	90.2	86.2	84.0	81.6	80.6
Azerbaijan .....	62.7	74.7	75.2	100.0	100.9	101.7	101.4	101.2	98.9	98.4	100.5	100.7	100.9	100.9	100.9
Belarus .....	95.4	99.0	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
Georgia .....	92.7	101.0	101.1	100.0	102.3	93.3	73.5	66.4	64.8	79.0	79.1	82.7	84.6	77.0	..
Kazakhstan .....	86.2	94.7	96.0	100.0	101.3	100.1	98.3	89.9	85.4	85.0	84.6	84.0	79.5	79.2	79.9
Kyrgyzstan .....	81.9	97.9	98.7	100.0	100.5	99.6	105.6	96.6	94.6	94.4	95.0	97.1	98.0	101.5	101.6
Republic of Moldova <sup>e</sup> .....	97.3	99.7	98.9	100.0	99.1	99.0	98.0	80.7	80.4	80.0	79.4	78.7	78.5	71.5	72.0
Russian Federation .....	96.9	99.7	99.9	100.0	99.6	97.7	95.3	93.7	90.6	87.9	87.2	85.5	84.2	84.6	85.5
Tajikistan .....	76.7	94.5	96.9	100.0	103.2	104.9	101.6	98.7	98.7	98.6	92.1	95.3	95.6	91.9	85.9
Turkmenistan .....	79.8	98.5	101.2	100.0	103.4	107.0	110.5	114.0	118.5	122.5	124.7	127.2	128.8	129.7	..
Ukraine .....	99.6	100.3	99.9	100.0	99.9	98.3	96.3	94.1	90.5	93.3	91.3	88.8	87.9	85.8	84.9
Uzbekistan .....	75.4	93.2	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	98.8	99.1	100.0	99.3	96.6	93.4	90.9	88.8	88.0	87.6	86.8	86.1	85.2	..
<i>Memorandum items:</i>															
<b>CETE-5</b> .....	99.7	100.5	100.1	100.0	96.7	89.8	85.8	83.3	83.5	84.7	85.5	86.4	87.4	85.5	..
<b>SETE-7</b> .....	92.3	99.2	99.7	100.0	97.6	91.9	84.9	81.5	81.4	78.9	78.8	77.7	77.0	74.0	..
<i>Former Soviet Union</i> .....	93.8	98.4	98.8	100.0	100.2	98.9	96.5	94.0	91.2	90.2	89.5	88.3	87.3	87.0	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

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

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

<sup>c</sup> Self-employed excluded until 1987.

<sup>d</sup> Excluding Estonia until 1985.

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

APPENDIX TABLE B.6

Employment in industry in eastern Europe, the Baltic states and the CIS, 1989-2000  
(Indices, 1989=100)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<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	65.2	60.9	..
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	28.4
Bulgaria .....	100.0	91.0	74.7	64.8	59.5	57.3	56.0	55.4	53.0	50.8	46.7	..
Croatia .....	100.0	102.4	84.8	70.3	70.4	67.3	59.5	59.0	56.6	60.0	58.3	..
Czech Republic .....	100.0	95.8	92.2	85.1	80.9	76.6	77.0	76.4	76.1	75.8	73.4	..
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
Poland .....	100.0	93.7	86.1	76.7	74.4	73.8	76.2	75.6	75.8	75.0	69.5	..
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	..
Slovakia .....	100.0	95.7	88.2	78.7	74.0	71.7	71.6	71.6	70.2	67.3	65.4	..
Slovenia .....	100.0	95.1	85.2	84.6	78.1	75.1	72.2	71.5	68.5	67.8	66.7	..
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	74.2	65.3	..
<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	..
Estonia .....	100.0	96.9	93.0	85.8	73.6	70.7	76.4	73.0	68.8	67.5	63.6	..
Latvia .....	100.0	97.0	92.1	81.4	69.0	56.3	53.1	50.1	51.9	47.6	45.7	..
Lithuania .....	100.0	96.7	99.0	91.4	78.0	64.5	59.5	57.0	57.1	56.5	55.7	..
<b>CIS</b> .....	100.0	98.2	96.7	91.8	88.3	79.7	73.3	69.2	63.8	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	40.0
Azerbaijan .....	100.0	97.1	94.9	88.9	81.1	77.4	72.9	58.6	50.1	52.0	53.6	53.6
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
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	..
Kyrgyzstan .....	100.0	99.9	92.7	89.5	80.5	72.0	61.2	54.6	51.2	50.1	47.4	46.6
Republic of Moldova <sup>c</sup> .....	100.0	102.4	95.1	93.1	55.0	52.1	44.7	43.9	42.9	40.8	35.9	33.7
Russian Federation .....	100.0	97.7	96.1	91.3	89.8	80.7	74.1	70.4	64.5	63.0	62.6	64.0
Tajikistan .....	100.0	102.5	100.8	98.2	86.1	81.9	71.9	71.1	62.5	60.1	51.4	47.2
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	..
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	63.2	..	..
<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	72.8	69.4	..
<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	..
<i>Former Soviet Union</i> .....	100.0	98.2	96.7	91.6	87.9	79.2	72.9	68.9	63.6	62.3	..	..

Source: UN/ECE Common Database, derived from national and CIS statistics.

<sup>a</sup> Excluding Albania.

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

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

APPENDIX TABLE B.7

Registered unemployment in eastern Europe, the Baltic states and the CIS, 1990-2000  
(Per cent of labour force, end-of-period)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	..	9.6	12.4	14.0	13.6	12.5	11.7	11.9	12.6	14.6	15.1
Albania .....	9.5	9.2	27.0	22.0	18.0	12.9	12.3	14.9	17.6	18.2	16.9
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	39.0	38.7	39.0	39.4
Bulgaria .....	1.8	11.1	15.3	16.4	12.8	11.1	12.5	13.7	12.2	16.0	17.9
Croatia <sup>a</sup> .....	..	14.1	17.8	16.6	17.3	17.6	15.9	17.6	18.6	20.8	22.6
Czech Republic .....	0.7	4.1	2.6	3.5	3.2	2.9	3.5	5.2	7.5	9.4	8.8
Hungary .....	1.7	7.4	12.3	12.1	10.9	10.4	10.5	10.4	9.1	9.6	8.9
Poland .....	6.5	12.2	14.3	16.4	16.0	14.9	13.2	10.3	10.4	13.1	15.0
Romania .....	1.3	3.0	8.2	10.4	10.9	9.5	6.6	8.8	10.3	11.5	10.5
Slovakia .....	1.6	11.8	10.4	14.4	14.8	13.1	12.8	12.5	15.6	19.2	17.9
Slovenia .....	..	10.1	13.3	15.5	14.2	14.5	14.4	14.8	14.6	13.0	12.0
The former Yugoslav											
Republic of Macedonia <sup>a</sup> .....	..	24.5	26.2	27.7	30.0	36.6	38.8	41.7	41.4	43.8	44.9
Yugoslavia <sup>a,b</sup> .....	..	21.0	24.6	24.0	23.9	24.7	26.1	25.6	27.2	27.4	26.6
<b>Baltic states</b> .....	..	..	2.1	4.5	5.3	6.6	6.4	6.3	7.3	9.1	10.0
Estonia <sup>c</sup> .....	..	..	1.6	5.0	5.1	5.0	5.6	4.6	5.1	6.7	7.3
Latvia .....	..	..	2.3	5.8	6.5	6.6	7.2	7.0	9.2	9.1	7.8
Lithuania .....	..	..	3.5	3.4	4.5	7.3	6.2	6.7	6.9	10.0	12.6
<b>CIS</b> .....	..	..	2.7	3.6	4.4	5.8	6.6	7.6	9.0	8.3	6.9
Armenia .....	..	..	3.5	6.3	6.0	8.1	9.7	11.0	8.9	11.5	10.9
Azerbaijan .....	..	..	0.2	0.7	0.9	1.1	1.1	1.3	1.4	1.2	1.2
Belarus .....	..	..	0.5	1.3	2.1	2.7	4.0	2.8	2.3	2.0	2.1
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
Kyrgyzstan .....	..	..	0.1	0.2	0.8	3.0	4.5	3.1	3.1	3.0	3.1
Republic of Moldova .....	..	..	0.7	0.7	1.0	1.4	1.5	1.7	1.9	2.1	1.8
Russian Federation <sup>d</sup> .....	..	..	5.2	6.1	7.8	9.0	10.0	11.2	13.3	12.2	9.6
Tajikistan .....	..	..	0.4	1.1	1.8	1.8	2.4	2.8	2.9	3.1	3.0
Turkmenistan .....	..	..	..	..	..	..	..	..	..	..	..
Ukraine .....	..	..	0.3	0.4	0.3	0.6	1.5	2.8	4.3	4.3	4.2
Uzbekistan .....	..	..	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.6
<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	13.3
<b>SETE-7</b> .....	..	9.3	14.2	15.1	14.6	13.7	12.5	14.3	15.4	16.5	17.8
<i>Russian Federation</i> <sup>e</sup> .....	..	0.1	0.8	1.1	2.1	3.2	3.4	2.8	2.7	1.7	1.4
<i>Former-GDR</i> .....	..	..	13.5	15.4	13.5	14.9	15.9	19.4	17.4	17.7	17.2

Source: National statistics and direct communications from national statistical offices to UNECE secretariat.

<sup>a</sup> The data reported on employment cover only the social sector in agriculture, hence unemployment rates are biased upwards.

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

<sup>c</sup> Job seekers till 2000.

<sup>d</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>e</sup> Registered unemployment.

## APPENDIX TABLE B.8

**Consumer prices in eastern Europe, the Baltic states and the CIS, 1990-2000**  
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Albania .....	..	35.5	193.1	85.0	21.5	8.0	12.7	33.1	20.3	-0.1	-
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
Bulgaria .....	23.8	338.5	91.3	72.9	96.2	62.1	123.1	1 082.6	22.2	0.4	10.0
Croatia <sup>a</sup> .....	609.5	123.0	663.6	1 516.6	97.5	2.0	3.6	3.7	5.9	4.3	6.4
Czech Republic .....	9.9	56.7	11.1	20.8	10.0	9.1	8.9	8.4	10.6	2.1	3.9
Hungary .....	28.9	35.0	23.0	22.6	19.1	28.5	23.6	18.4	14.2	10.1	9.9
Poland .....	585.8	70.3	45.3	36.9	33.2	28.1	19.8	15.1	11.7	7.4	10.2
Romania .....	5.1	170.2	210.7	256.2	137.1	32.2	38.8	154.9	59.3	45.9	45.7
Slovakia .....	10.4	61.2	10.2	23.1	13.4	10.0	6.1	6.1	6.7	10.5	12.0
Slovenia .....	551.6	115.0	207.3	31.7	21.0	13.5	9.9	8.4	8.1	6.3	9.0
The former Yugoslav											
Republic of Macedonia <sup>a</sup> .....	608.4	114.9	1 505.5	353.1	121.0	16.9	4.1	3.8	1.1	- 1.4	10.1
Yugoslavia .....	580.0	122.0	8 926.0	2.2E+14	7.9E+10	71.8	90.5	23.2	30.4	44.1	77.9
Estonia .....	18.0	202.0	1 078.2	89.6	47.9	28.9	23.1	11.1	10.6	3.5	3.8
Latvia .....	10.9	172.2	951.2	109.1	35.7	25.0	17.7	8.5	4.7	2.4	2.8
Lithuania .....	9.1	216.4	1 020.5	410.1	72.0	39.5	24.7	8.8	5.1	0.8	1.0
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
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
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
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
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
Kyrgyzstan .....	5.5	113.9	854.6	1 208.7	278.1	42.9	31.3	23.4	10.3	35.7	18.7
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
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
Tajikistan .....	5.9	112.9	822.0	2 884.8	350.3	682.1	422.4	85.4	43.1	27.5	32.9
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
Uzbekistan .....	5.8	97.3	414.5	1 231.8	1 550.0	76.5	56.3	73.2	17.7	29.0	..

*Source:* UN/ECE Common Database, derived from national statistics.

*Note:* From 1992 onwards indices derived from monthly data except for Armenia, Georgia, Hungary, Slovenia, Yugoslavia (from 1993); Turkmenistan (from 1995); Uzbekistan (from 1996).

<sup>a</sup> Retail prices.

APPENDIX TABLE B.9

**Producer price indices in eastern Europe, the Baltic states and the CIS, 1990-2000**  
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Albania .....	..	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	129.5	68 034.0	9 254.5	1 203.3	42.7	-5.3	4.5	3.4	3.9	-0.2
Bulgaria .....	14.7	296.4	56.1	28.3	75.7	53.4	137.7	948.8	16.9	3.3	..
Croatia .....	455.3	146.3	825.2	1 512.4	77.6	0.7	1.4	2.3	-1.2	2.6	9.7
Czech Republic .....	2.5	70.3	10.0	9.2	5.3	7.6	4.8	4.9	4.9	1.0	4.9
Hungary .....	22.0	32.6	12.3	10.8	11.3	28.9	21.8	20.4	11.3	5.1	11.7
Poland .....	622.4	40.9	34.5	31.9	25.3	25.4	12.4	12.2	7.3	5.7	..
Romania .....	26.9	220.1	184.8	165.0	140.5	35.1	49.9	152.7	33.2	42.2	51.6
Slovakia .....	5.2	68.9	5.3	17.2	10.0	9.0	4.1	4.5	3.3	3.8	9.8
Slovenia .....	390.4	124.1	215.7	21.6	17.7	12.8	6.8	6.1	6.0	2.1	..
The former Yugoslav											
Republic of Macedonia .....	394.0	112.0	2 198.2	258.3	88.9	4.7	-0.3	4.2	4.0	-0.1	..
Yugoslavia .....	468.0	124.0	8 993.0	1.4E+13	7.9E+10	57.7	90.1	19.5	25.5	44.2	..
Estonia .....	19.3	208.4	1 208.0	75.2	36.3	25.6	14.8	8.8	4.2	-1.2	4.9
Latvia .....	..	192.0	1 310.0	117.1	16.9	11.9	13.7	4.1	1.9	-4.0	0.6
Lithuania .....	..	148.2	1 510.0	391.7	44.8	28.3	17.2	6.0	-3.9	3.0	18.0
Armenia .....	..	120.0	947.0	892.0	4 714.0	275.0	22.4	19.0	13.4	2.3	0.8
Azerbaijan .....	..	179.5	7 453.6	1 974.0	3 779.0	384.9	67.7	11.4	-12.4	-9.3	25.0
Belarus .....	2.1	151.1	1 939.2	1 536.3	2 171.0	461.5	33.6	88.0	72.0	355.8	186.0
Georgia .....	..	..	..	..	..	..	..	..	2.3	15.7	6.0
Kazakhstan .....	..	193.0	2 465.1	1 042.8	2 920.4	139.8	23.8	15.5	0.8	18.8	38.0
Kyrgyzstan .....	..	160.0	1 664.0	831.0	228.0	43.0	32.0	30.0	9.0	54.0	32.0
Republic of Moldova .....	..	130.0	1 210.9	1 078.5	893.7	53.7	32.2	20.0	9.7	44.0	28.0
Russian Federation .....	3.9	240.0	3 280.0	900.0	230.0	170.0	25.6	7.5	23.2	67.3	31.6
Tajikistan .....	..	163.0	1 316.5	1 080.0	327.8	276.1	255.2	77.5	30.2	43.6	44.0
Turkmenistan .....	..	211.0	994.0	1 610.0	911.0	893.8	2 391.8	261.0	-30.5	..	..
Ukraine .....	..	..	2 491.7	4 698.3	1 134.5	488.9	52.0	7.7	13.0	31.1	21.0
Uzbekistan .....	..	147.0	1 296.0	1 119.0	1 066.0	834.0	133.0	54.0	41.0	38.0	60.9

*Source:* UN/ECE 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, 1990-2000**  
(Annual average, percentage change over preceding year)<sup>a</sup>

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Albania <sup>b</sup> .....	..	..	..	69.5	34.5	29.3	..	..	20.4	10.4	..
Bosnia and Herzegovina <sup>c</sup> .....	..	..	..	..	..	4.1	249.4	50.8	31.1	15.4	..
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	..
Czech Republic .....	3.0	16.5	21.0	22.6	16.9	18.3	17.7	11.9	10.7	6.8	7.2
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
Poland <sup>c</sup> .....	365.5	64.0	41.2	37.8	39.8	30.1	25.8	19.9	14.1	10.5	..
Romania <sup>c</sup> .....	9.7	125.0	173.5	210.7	139.4	55.3	56.7	99.5	49.3	40.7	48.7
Slovakia <sup>b</sup> .....	4.3	15.0	16.9	23.1	17.7	15.2	14.6	11.1	8.0	7.9	9.4
Slovenia .....	361.5	68.4	196.7	45.1	27.1	17.1	14.0	12.1	10.7	9.3	..
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	..
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	..
Armenia .....	5.9	31.8	352.3	739.1	3 640.2	210.9	62.3	41.7	20.5	15.2	25.2
Azerbaijan .....	4.4	82.9	870.4	700.8	575.7	354.8	53.0	36.8	22.0	..	..
Belarus .....	14.1	112.1	910.9	1 073.8	69.6	618.7	58.5	96.8	109.4	323.9	..
Georgia .....	6.0	33.9	457.3	2 114.7	23 327.5	87.5	145.4	12.7	26.8	..	..
Kazakhstan .....	11.0	80.5	1 053.1	993.1	1 542.5	178.2	30.9	22.5	2.7	12.3	..
Kyrgyzstan .....	0.5	62.1	638.3	745.6	176.3	54.8	29.1	60.3	20.0	43.2	..
Republic of Moldova .....	14.2	90.1	815.0	773.0	284.4	43.8	32.2	24.9	16.6	22.5	..
Russian Federation .....	13.0	94.9	1 065.7	798.2	260.2	131.4	64.3	21.6	14.3	52.2	..
Tajikistan .....	8.0	76.2	550.2	917.5	142.2	145.2	425.3	71.9	96.4	26.4	28.4
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	..
Uzbekistan .....	..	82.3	706.1	1 159.3	806.8	278.4	99.8	76.3	60.3	50.0	..

Source: UN/ECE 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, 1988-2000**  
(Billion dollars)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	56.367	65.020	63.850	61.733	57.241	59.333	62.675	72.937	94.777	100.206	107.428	119.174	117.769	132.926*
Albania .....	0.320	0.230	0.302	0.231	0.101	0.072	0.123	0.139	0.202	0.213	0.137	0.207	0.265	0.239*
Bulgaria .....	7.160	7.554	6.651	5.232	3.433	3.992	3.769	3.935	5.345	4.890	4.940	4.194	4.006	4.808
Czechoslovakia .....	10.475	12.381	11.988	10.728	11.319									
Czech Republic .....	..	..	..	..	..	8.767	14.463	15.882	21.273	22.180	22.779	26.351	26.242	28.979
Slovakia .....	..	..	..	..	..	3.500	5.458	6.714	8.585	8.822	9.640	10.775	10.277	11.905
Hungary .....	8.609	9.999	9.673	9.731	10.226	10.681	8.921	10.701	12.867	15.704	19.100	23.005	25.015	28.092
Poland .....	13.071	14.573	14.665	18.291	14.912	13.187	14.202	17.240	22.887	24.440	25.756	28.229	27.404	31.651
Romania .....	9.217	8.971	8.076	4.570	4.266	4.363	4.892	6.151	7.910	8.085	8.431	8.302	8.504	10.367
Yugoslavia (SFR) .....	7.514	11.311	12.496	12.950	12.984	14.772								
Bosnia and Herzegovina .....	..	1.550	2.100	1.850	..	..	..	..	0.024	0.058	0.193	0.352	0.518	0.675
Croatia .....	..	2.300	2.600	4.020	3.310	4.353	3.709	4.260	4.633	4.512	4.171	4.541	4.303	4.432
Slovenia .....	1.836	3.278	3.408	4.118	3.874	6.681	6.083	6.828	8.316	8.310	8.369	9.050	8.546	8.731
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	1.191	1.326*
Yugoslavia .....	..	4.298	4.461	4.651	4.704	2.539	..	..	1.531	1.846	2.677	2.858	1.498	1.723
<b>Baltic states</b> .....	..	..	..	..	..	2.139	4.197	4.324	5.844	6.877	8.467	8.759	7.665	8.867
Estonia .....	..	..	..	..	..	0.444	0.802	1.305	1.838	2.079	2.934	3.236	2.938	3.157
Latvia .....	..	..	..	..	..	0.843	1.401	0.988	1.304	1.443	1.673	1.812	1.723	1.863
Lithuania .....	..	..	..	..	..	0.852	1.994	2.031	2.705	3.355	3.860	3.711	3.004	3.848
<b>CIS: total</b> .....	..	..	..	..	..	..	..	89.991	110.622	121.936	122.913	104.266	103.904	143.786*
<b>CIS: non-CIS</b> .....	..	..	..	..	..	51.242	52.547	62.652	80.007	87.897	88.698	76.840	82.169	114.930*
Armenia .....	..	..	..	..	..	..	0.156	0.216	0.271	0.290	0.233	0.221	0.232	0.298
Non-CIS .....	..	..	..	..	..	0.026	0.029	0.058	0.101	0.162	0.138	0.140	0.176	0.225
Azerbaijan .....	..	..	..	..	..	1.484	0.725	0.653	0.637	0.631	0.781	0.606	0.929	1.745
Non-CIS .....	..	..	..	..	..	0.754	0.351	0.378	0.352	0.341	0.403	0.374	0.718	1.510
Belarus .....	..	..	..	..	..	..	..	2.510	4.707	5.652	7.301	7.070	5.922	7.380
Non-CIS .....	..	..	..	..	..	1.194	0.789	1.031	1.777	1.888	1.922	1.910	2.286	2.926
Georgia .....	..	..	..	..	..	..	..	0.156	0.154	0.199	0.240	0.193	0.238	0.330
Non-CIS .....	..	..	..	..	..	0.068	0.069	0.039	0.057	0.070	0.102	0.085	0.131	0.194
Kazakhstan .....	..	..	..	..	..	..	..	3.231	5.250	5.911	6.497	5.436	5.592	9.140
Non-CIS .....	..	..	..	..	..	1.398	1.501	1.357	2.366	2.732	3.515	3.266	4.131	6.749
Kyrgyzstan .....	..	..	..	..	..	0.317	0.396	0.340	0.409	0.505	0.604	0.514	0.454	0.505
Non-CIS .....	..	..	..	..	..	0.077	0.112	0.117	0.140	0.112	0.285	0.283	0.271	0.297
Republic of Moldova .....	..	..	..	..	..	0.470	0.483	0.565	0.746	0.795	0.875	0.632	0.462	0.472
Non-CIS .....	..	..	..	..	..	0.166	0.178	0.159	0.279	0.252	0.267	0.203	0.209	0.196
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	..	66.862	79.869	86.889	86.627	72.550	73.689*	102.796*
Non-CIS .....	..	..	..	..	..	42.376	44.297	53.001	65.607	70.975	69.959	58.883	62.800*	89.068*
Tajikistan .....	..	..	..	..	..	0.193	0.350	0.492	0.749	0.770	0.746	0.597	0.689	0.779
Non-CIS .....	..	..	..	..	..	0.109	0.227	0.399	0.497	0.439	0.473	0.394	0.374	0.411
Turkmenistan .....	..	..	..	..	..	..	..	2.145	1.881	1.682	0.751	0.594	1.187	2.506
Non-CIS .....	..	..	..	..	..	0.908	1.049	0.494	0.951	0.610	0.300	0.442	0.698	1.187
Ukraine .....	..	..	..	..	..	7.415	7.817	10.272	13.128	14.401	14.232	12.637	11.582	14.573
Non-CIS .....	..	..	..	..	..	3.297	3.223	4.653	6.168	6.996	8.646	8.435	8.329	10.075
Uzbekistan .....	..	..	..	..	..	..	..	2.549	2.821	4.211	4.026	3.218	2.928	3.265
Non-CIS .....	..	..	..	..	..	0.869	0.721	0.966	1.712	3.321	2.689	2.425	2.047	2.094
<b>Former Soviet Union</b> .....	57.942	62.016	62.286	59.056	46.660	..	..	..	..	..	..	..	..	..
<b>Total</b> .....	114.310	127.035	126.136	120.788	103.901	112.714	119.419	167.252	211.243	229.019	238.808	232.199	229.338	285.580*

Source: UN/ECE 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) and from 1997 in Slovakia (inclusion of OPT transactions, etc.).

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 UN/ECE, *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, 1988-2000**  
(Billion dollars)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	65.443	60.158	61.185	63.408	61.610	68.388	76.285	86.128	117.026	135.887	146.195	159.491	155.434	172.589*
Albania .....	0.320	0.280	0.385	0.381	0.409	0.524	0.421	0.549	0.650	0.913	0.620	0.795	0.885	1.009*
Bulgaria .....	6.321	8.131	7.325	5.584	2.700	4.530	5.120	4.272	5.638	5.074	4.932	4.957	5.515	6.487
Czechoslovakia .....	10.619	12.180	11.772	11.808	10.962									
Czech Republic .....	..	..	..	..	..	10.368	14.617	17.427	25.265	27.919	27.563	28.789	28.073	32.244
Slovakia .....	..	..	..	..	..	3.889	6.332	6.634	8.777	11.112	11.622	13.006	11.265	12.671
Hungary .....	9.188	9.372	8.863	8.797	11.449	11.123	12.648	14.554	15.466	18.144	21.234	25.706	28.017	32.080
Poland .....	14.705	12.987	12.941	12.619	15.531	16.141	18.758	21.566	29.043	37.137	42.314	47.054	45.901	48.940
Romania .....	11.061	5.361	5.834	6.889	5.793	6.260	6.522	7.109	10.278	11.435	11.280	11.838	10.394	13.055
Yugoslavia (SFR) .....	13.229	11.847	14.064	17.330	14.765									
Bosnia and Herzegovina .....	..	1.300	1.850	1.750	..	..	..	..	0.524	1.204	1.555	2.120	2.431	2.290
Croatia .....	..	2.900	3.750	5.133	3.811	4.346	4.166	5.229	7.510	7.788	9.104	8.383	7.799	7.923
Slovenia .....	2.463	2.914	3.216	4.727	4.131	6.141	6.501	7.304	9.492	9.421	9.367	10.098	10.083	10.115
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	1.776	2.066*
Yugoslavia .....	..	4.915	5.383	6.701	5.548	3.859	..	..	2.665	4.113	4.826	4.830	3.296	3.711
<b>Baltic states</b> .....	..	..	..	..	..	1.802	4.101	5.251	8.006	10.110	12.809	13.768	11.888	12.906
Estonia .....	..	..	..	..	..	0.406	0.896	1.659	2.540	3.231	4.441	4.786	4.108	4.258
Latvia .....	..	..	..	..	..	0.794	0.961	1.240	1.818	2.320	2.724	3.189	2.946	3.186
Lithuania .....	..	..	..	..	..	0.602	2.244	2.352	3.649	4.559	5.644	5.794	4.834	5.463
<b>CIS: total</b> .....	..	..	..	..	..	..	..	63.137	79.576	86.960	94.316	81.127	62.339	70.776*
<b>CIS: non-CIS</b> .....	..	..	..	..	..	42.297	33.696	36.743	45.678	49.205	57.780	50.763	37.873	38.658*
Armenia .....	..	..	..	..	..	..	0.255	0.394	0.674	0.856	0.892	0.902	0.802	0.885
Non-CIS .....	..	..	..	..	..	0.050	0.087	0.188	0.340	0.578	0.593	0.672	0.626	0.711
Azerbaijan .....	..	..	..	..	..	0.940	0.629	0.778	0.668	0.961	0.794	1.077	1.036	1.172
Non-CIS .....	..	..	..	..	..	0.333	0.241	0.292	0.440	0.621	0.443	0.673	0.711	0.797
Belarus .....	..	..	..	..	..	..	..	3.066	5.564	6.939	8.689	8.549	6.664	8.477
Non-CIS .....	..	..	..	..	..	0.843	1.119	0.974	1.887	2.369	2.872	2.995	2.381	2.476
Georgia .....	..	..	..	..	..	..	..	0.338	0.385	0.687	0.944	0.884	0.602	0.726
Non-CIS .....	..	..	..	..	..	0.228	0.167	0.066	0.231	0.417	0.603	0.617	0.377	0.479
Kazakhstan .....	..	..	..	..	..	..	..	3.561	3.807	4.241	4.301	4.350	3.683	5.052
Non-CIS .....	..	..	..	..	..	0.469	0.494	1.384	1.154	1.295	1.969	2.290	2.088	2.295
Kyrgyzstan .....	..	..	..	..	..	0.421	0.448	0.317	0.522	0.838	0.709	0.842	0.600	0.555
Non-CIS .....	..	..	..	..	..	0.071	0.112	0.107	0.168	0.351	0.273	0.401	0.341	0.256
Republic of Moldova .....	..	..	..	..	..	0.640	0.628	0.659	0.841	1.072	1.172	1.024	0.573	0.777
Non-CIS .....	..	..	..	..	..	0.179	0.184	0.183	0.272	0.420	0.567	0.584	0.344	0.517
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	..	38.661	46.709	47.373	53.568	43.980	31.552*	33.769*
Non-CIS .....	..	..	..	..	..	36.984	26.807	28.344	33.117	32.798	39.365	32.703	22.685*	22.171*
Tajikistan .....	..	..	..	..	..	0.254	0.630	0.547	0.810	0.668	0.750	0.711	0.663	0.674
Non-CIS .....	..	..	..	..	..	0.132	0.374	0.314	0.332	0.285	0.268	0.265	0.148	0.115
Turkmenistan .....	..	..	..	..	..	..	..	1.468	1.364	1.011	1.183	1.008	1.478	1.785
Non-CIS .....	..	..	..	..	..	0.030	0.501	0.782	0.619	0.450	0.531	0.530	0.978	1.105
Ukraine .....	..	..	..	..	..	6.892	9.533	10.745	15.484	17.603	17.128	14.676	11.846	13.956
Non-CIS .....	..	..	..	..	..	2.049	2.652	2.907	5.488	6.427	7.249	6.779	5.103	5.916
Uzbekistan .....	..	..	..	..	..	..	..	2.603	2.748	4.712	4.186	3.125	2.841	2.947
Non-CIS .....	..	..	..	..	..	0.929	0.958	1.202	1.630	3.195	3.047	2.256	2.091	1.822
<b>Former Soviet Union</b> .....	52.218	58.044	64.983	64.963	45.405	..	..	..	..	..	..	..	..	..
<b>Total</b> .....	117.661	118.202	126.168	128.371	106.901	112.487	114.082	154.516	204.609	232.957	253.320	254.386	229.662	256.271*

Source: UN/ECE 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, 1988-2000**  
(Billion dollars)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe</b> .....	-9.076	4.861	2.665	-1.675	-4.369	-9.055	-13.610	-13.190	-22.250	-35.680	-38.767	-40.317	-37.665	-39.663*
Albania .....	-	-0.050	-0.083	-0.150	-0.308	-0.452	-0.298	-0.410	-0.448	-0.701	-0.483	-0.589	-0.620	-0.770
Bulgaria .....	0.839	-0.577	-0.674	-0.352	0.732	-0.538	-1.352	-0.336	-0.293	-0.184	0.008	-0.763	-1.509	-1.679
Czechoslovakia .....	-0.144	0.201	0.216	-1.080	0.356	..	..	..	..	..	..	..	..	..
Czech Republic .....	..	..	..	..	..	-1.601	-0.154	-1.545	-3.992	-5.739	-4.784	-2.438	-1.831	-3.265
Slovakia .....	..	..	..	..	..	-0.389	-0.874	0.080	-0.192	-2.290	-1.983	-2.231	-0.988	-0.766
Hungary .....	-0.579	0.627	0.810	0.934	-1.223	-0.442	-3.727	-3.853	-2.599	-2.440	-2.134	-2.701	-3.002	-3.988
Poland .....	-1.634	1.586	1.724	5.672	-0.619	-2.955	-4.555	-4.326	-6.156	-12.697	-16.558	-18.825	-18.497	-17.289
Romania .....	-1.844	3.610	2.242	-2.320	-1.528	-1.897	-1.630	-0.958	-2.368	-3.351	-2.849	-3.536	-1.890	-2.688
Yugoslavia (SFR) .....	-5.715	-0.536	-1.568	-4.380	-1.780	14.772	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	0.250	0.250	0.100	..	..	..	..	-0.500	-1.146	-1.362	-1.768	-1.913	-1.615
Croatia .....	..	-0.600	-1.150	-1.113	-0.501	0.007	-0.457	-0.969	-2.877	-3.276	-4.933	-3.842	-3.496	-3.491
Slovenia .....	-0.626	0.365	0.192	-0.609	-0.257	0.540	-0.418	-0.476	-1.176	-1.111	-0.998	-1.048	-1.537	-1.384
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	-0.585	-0.740*
Yugoslavia .....	..	-0.617	-0.922	-2.050	-0.844	-1.320	..	..	-1.134	-2.267	-2.149	-1.972	-1.798	-1.988
<b>Baltic states</b> .....	..	..	..	..	..	0.337	0.096	-0.927	-2.162	-3.232	-4.343	-5.009	-4.224	-4.039
Estonia .....	..	..	..	..	..	0.038	-0.094	-0.353	-0.702	-1.152	-1.507	-1.550	-1.170	-1.101
Latvia .....	..	..	..	..	..	0.049	0.440	-0.252	-0.514	-0.877	-1.051	-1.377	-1.223	-1.323
Lithuania .....	..	..	..	..	..	0.250	-0.250	-0.322	-0.944	-1.204	-1.784	-2.083	-1.831	-1.615
<b>CIS: total</b> .....	..	..	..	..	..	..	..	26.854	31.046	34.975	28.597	23.140	41.565*	73.010*
<b>CIS: non-CIS</b> .....	..	..	..	..	..	8.945	18.851	25.909	34.329	38.692	30.919	26.077	44.296*	76.273*
Armenia .....	..	..	..	..	..	..	..	-0.099	-0.178	-0.403	-0.566	-0.660	-0.682	-0.588
Non-CIS .....	..	..	..	..	..	-0.024	-0.058	-0.130	-0.239	-0.416	-0.455	-0.532	-0.450	-0.486
Azerbaijan .....	..	..	..	..	..	0.544	0.096	-0.125	-0.031	-0.330	-0.013	-0.471	-0.107	0.573
Non-CIS .....	..	..	..	..	..	0.421	0.110	0.086	-0.088	-0.280	-0.040	-0.299	0.008	0.713
Belarus .....	..	..	..	..	..	..	..	-0.556	-0.857	-1.287	-1.388	-1.480	-0.742	-1.097
Non-CIS .....	..	..	..	..	..	0.351	-0.330	0.057	-0.110	-0.481	-0.950	-1.085	-0.095	0.450
Georgia .....	..	..	..	..	..	..	..	-0.182	-0.231	-0.488	-0.704	-0.692	-0.364	-0.396
Non-CIS .....	..	..	..	..	..	-0.160	-0.098	-0.027	-0.174	-0.347	-0.501	-0.532	-0.246	-0.285
Kazakhstan .....	..	..	..	..	..	..	..	-0.330	1.443	1.670	2.196	1.086	1.910	4.087
Non-CIS .....	..	..	..	..	..	0.929	1.007	-0.027	1.212	1.437	1.547	0.976	2.043	4.455
Kyrgyzstan .....	..	..	..	..	..	-0.104	-0.052	0.023	-0.113	-0.333	-0.105	-0.328	-0.146	-0.050
Non-CIS .....	..	..	..	..	..	0.005	-	0.010	-0.028	-0.239	0.012	-0.118	-0.070	0.042
Republic of Moldova .....	..	..	..	..	..	-0.170	-0.145	-0.094	-0.095	-0.277	-0.297	-0.392	-0.111	-0.306
Non-CIS .....	..	..	..	..	..	-0.013	-0.006	-0.024	0.007	-0.168	-0.300	-0.381	-0.135	-0.321
Russian Federation <sup>a</sup> .....	..	..	..	..	..	..	..	28.201	33.160	39.516	33.059	28.570	42.137*	69.027*
Non-CIS .....	..	..	..	..	..	5.392	17.490	24.657	32.490	38.177	30.594	26.180	40.115*	66.897*
Tajikistan .....	..	..	..	..	..	-0.061	-0.280	-0.055	-0.061	0.102	-0.004	-0.114	0.026	0.105
Non-CIS .....	..	..	..	..	..	-0.023	-0.147	0.085	0.165	0.154	0.205	0.129	0.225	0.295
Turkmenistan .....	..	..	..	..	..	..	..	0.677	0.517	0.670	-0.432	-0.414	-0.291	0.721
Non-CIS .....	..	..	..	..	..	0.878	0.548	-0.288	0.332	0.160	-0.231	-0.088	-0.280	0.081
Ukraine .....	..	..	..	..	..	0.523	-1.716	-0.473	-2.356	-3.202	-2.896	-2.038	-0.265	0.617
Non-CIS .....	..	..	..	..	..	1.248	0.571	1.746	0.680	0.569	1.397	1.657	3.227	4.159
Uzbekistan .....	..	..	..	..	..	..	..	-0.054	0.073	-0.501	-0.159	0.093	0.087	0.317
Non-CIS .....	..	..	..	..	..	-0.060	-0.237	-0.236	0.082	0.126	-0.358	0.169	-0.045	0.272
<b>Former Soviet Union</b> .....	5.724	3.972	-2.697	-5.907	1.255	..	..	..	..	..	..	..	..	..
<b>Total</b> .....	-3.351	8.833	-0.032	-7.583	-3.000	0.227	5.337	12.736	6.634	-3.937	-14.512	-22.187	-0.324*	29.309*

Source: UN/ECE 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, 1988-2000**  
(Shares in total trade, per cent)

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000 <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 .....	48.5	46.5	44.4	38.1	28.5	23.0	28.2	26.3	25.8	26.1	26.1	22.5	18.7	18.8
Former Soviet Union .....	27.1	27.2	25.5	22.3	17.9	12.4	9.8	9.0	8.9	9.4	10.3	7.5	4.7	4.8
Eastern Europe .....	21.4	19.3	18.9	15.8	10.7	10.7	18.5	17.4	16.9	16.7	15.8	14.8	13.5	14.1
Developed market economies .....	35.7	38.7	42.6	49.5	59.8	63.0	58.0	62.5	64.5	65.0	66.4	71.4	75.2	75.1
Developing economies .....	15.8	14.8	13.0	12.4	11.7	14.0	13.8	11.2	9.7	8.9	7.5	6.0	6.0	6.1
<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 .....	42.0	40.5	36.4	26.6	25.5	24.7	29.3	26.1	25.3	23.8	22.1	18.3	17.7	21.8
Former Soviet Union .....	26.8	26.3	23.5	18.3	20.2	17.9	16.5	14.1	13.2	12.7	11.2	8.6	8.4	11.6
Eastern Europe .....	18.8	19.6	18.7	14.3	8.1	6.8	12.8	12.0	12.1	11.1	10.9	9.6	9.1	10.2
Developed market economies .....	38.7	41.1	44.0	53.3	58.3	64.4	61.5	65.0	65.8	66.6	68.1	72.5	73.0	68.1
Developing economies .....	19.3	18.4	19.5	20.1	16.1	10.9	9.2	9.0	8.9	9.6	9.8	9.2	9.3	10.1
<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 .....	34.5	29.4	26.6	21.8	25.9	22.3	18.1	15.1	16.8	18.2	19.5	18.1	18.1	19.9
Eastern Europe .....	34.5	29.4	26.6	21.8	25.9	20.7	16.8	11.7	13.2	14.3	14.9	14.2	13.5	14.5
Developed market economies .....	42.2	38.9	41.8	49.5	56.5	57.9	59.7	66.6	60.6	58.1	58.6	60.0	57.6	56.6
Developing economies .....	23.3	31.7	31.6	28.7	17.6	19.9	22.2	18.3	22.6	23.8	21.9	21.9	24.3	23.5
<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	32.4	27.6	24.7	26.0	15.9	10.6	14.1	15.5	12.6	13.7	11.9	9.6	10.5
Eastern Europe .....	31.5	32.4	27.6	24.7	26.0	15.0	10.0	11.7	12.4	10.6	11.1	9.8	8.3	9.1
Developed market economies .....	46.4	46.3	50.1	52.9	58.1	62.4	60.6	70.3	69.5	67.8	68.3	68.2	68.2	69.0
Developing economies .....	22.1	21.3	22.3	22.4	15.9	21.7	28.8	15.6	15.0	19.6	18.0	19.9	22.2	20.5

*Source:* UN/ECE 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 2000.

APPENDIX TABLE B.15

**Exchange rates of eastern Europe, the Baltic states and the CIS, 1980, 1988-2000**  
(Annual averages, national currency units per dollar)

	Unit <sup>a</sup>	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Albania	lek	..	..	..	8.90	24.20	75.03	102.06	94.62	93.14	104.33	148.93	150.63	137.69	143.71
Bulgaria	lev <sup>b</sup>	0.86	0.83	0.84	0.79	17.45	23.42	27.85	54.13	67.08	177.88	1681.87	1760.37	1.8364	2.1233
Czechoslovakia	koruna	5.37	14.37	15.06	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
Slovakia	koruna	..	..	..	..	..	..	30.80	31.93	29.71	30.68	33.62	35.23	41.36	46.33
Hungary	forint	32.64	50.41	59.07	63.21	74.73	78.98	91.91	105.11	125.69	152.65	186.79	214.40	237.15	282.18
Poland	Zloty <sup>c</sup>	3.05	430.64	1439	9500	10576	13627	18136	22723	2.42	2.70	3.28	3.49	3.96	4.35
Romania	leu	4.47	16.00	16.00	22.43	71.84	307.98	760.12	1654	2033	3085	7183	8876	15333	21709
Yugoslavia (SFR)	dinar <sup>d</sup>	24.64	25239	28760	11.32	19.64	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina	dinar	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Croatia	kuna <sup>e</sup>	..	..	..	..	18.80	264.30	3577.63	6.00	5.23	5.43	6.10	6.36	7.11	8.28
Slovenia	tolar	..	..	..	..	27.57	81.29	113.24	128.81	118.52	135.37	159.69	166.13	181.77	222.68
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
Yugoslavia	dinar <sup>g</sup>	..	..	..	10.65	19.73	750.00	..	1.55	4.74	4.96	5.72	9.23	10.94	16.09
Estonia	kroon <sup>h</sup>	..	..	..	..	..	12.11	13.22	12.98	11.46	12.03	13.88	14.07	14.68	16.97
Latvia	lats <sup>i</sup>	..	..	..	..	..	..	0.67	0.56	0.53	0.55	0.58	0.59	0.59	0.61
Lithuania	litas <sup>j</sup>	..	..	..	..	..	..	4.37	3.98	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	539.54
Azerbaijan	manat	..	..	..	..	..	..	1169	4417	4295	3987	3869	4119	4474	..
Belarus	rouble <sup>k</sup>	..	..	..	..	..	..	2177	4017	11538	13472	26729	58971	274512	882
Georgia	lari <sup>l</sup>	..	..	..	..	..	..	1.10	1.29	1.26	1.30	1.39	2.02	1.98	..
Kazakhstan	tenge	..	..	..	..	..	..	35.54	60.95	67.30	75.43	78.35	119.47	142.13	..
Kyrgyzstan	som	..	..	..	..	..	..	10.86	10.83	12.81	17.37	21.37	39.73	47.79	..
Republic of Moldova	leu	..	..	..	..	..	..	4.07	4.50	4.60	4.62	5.37	10.52	12.43	..
Russian Federation	rouble <sup>m</sup>	0.65	0.61	0.63	0.59	1.74	192.75	927.46	2204	4559	5121	5785	9.71	24.62	28.13
Tajikistan	rouble <sup>n</sup>	..	..	..	..	..	..	..	107.59	292.89	560.64	..	1235.57	1831.23	..
Turkmenistan	manat	..	..	..	..	..	..	19.50	110.42	3509	4143	..	5200	5200	..
Ukraine	hryvnia <sup>o</sup>	..	..	..	..	..	..	4796	31700	147314	1.83	1.86	2.51	4.13	5.44
Uzbekistan	sum <sup>p</sup>	..	..	..	..	..	..	932.15	9.96	29.81	40.15	66.43	..	124.64	236.58
<i>Memorandum item:</i>															
Former GDR	mark <sup>q</sup>	3.30	8.14	8.14	8.14	1.66	1.56	1.65	1.62	1.43	1.50	1.73	1.76	..	..

**Source:** UN/ECE 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 further 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 somon, was put into circulation on 30 October 2000. Made up of 100 dirams, the somon would be used in parallel to the Tajik rouble for 5 months, with the exchange rate of 1,000 roubles to the somon.

<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, 1990-2000**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe<sup>a</sup></b> .....	-5 639	-2 147	-909	-7 896	-2 705	-1 894	-13 303	-14 392	-17 611	-20 843	-18 955*
Albania .....	-118	-168	-51	15	-157	-12	-107	-254	-45	-155	-500*
Bosnia and Herzegovina .....	..	..	..	..	-177	-193	-748	-1 060	-789	-971	-878 <sup>b</sup>
Bulgaria .....	-1 710	-77	-361	-1 098	-32	-198	164	1 046	-61	-652	-696
Croatia <sup>c</sup> .....	-621	-589	329	623	853	-1 442	-1 091	-2 325	-1 530	-1 523	-750*
Czech Republic .....	-122	1 708	-456	456	-787	-1 369	-4 292	-3 211	-1 336	-1 567	-2 369
Hungary <sup>d</sup> .....	127	267	324	-3 455	-3 911	-2 480	-1 678	-981	-2 298	-2 081	-1 754
Poland <sup>d</sup> .....	716	-1 359	-269	-2 868	677	5 310	-1 371	-4 312	-6 858	-11 569	-9 978
Romania .....	-3 254	-1 013	-1 506	-1 174	-428	-1 774	-2 571	-2 137	-2 968	-1 296	-1 400
Slovakia .....	-767	-786	173	-601	665	391	-2 098	-1 952	-2 059	-1 083	-713
Slovenia <sup>c</sup> .....	518	129	926	192	573	-99	31	11	-147	-783	-594
The former Yugoslav Republic of Macedonia <sup>c</sup> .....	-409	-259	-19	15	-158	-222	-289	-276	-308	-135	-200*
Yugoslavia .....	..	..	..	..	-400	-1 037	-1 670	-1 845	-1 238	-1 421	-1 400*
<b>Baltic states</b> .....	..	..	548	353	-59	-788	-1 400	-1 890	-2 426	-2 134	-1 432*
Estonia .....	..	..	36	22	-167	-158	-398	-563	-478	-294	-331
Latvia .....	..	..	191	417	201	-16	-279	-345	-650	-646	-500*
Lithuania .....	..	..	321	-86	-94	-614	-723	-981	-1 298	-1 194	-600*
<b>CIS</b> .....	..	..	-538	10 267	5 212	4 326	6 139	-4 092	-6 715	23 125*	48 470*
Armenia .....	..	..	-50	-67	-104	-218	-291	-307	-403	-307	-300*
Azerbaijan .....	..	153	488	-160	-121	-401	-931	-916	-1 365	-600	200*
Belarus .....	..	..	131	-435	-444	-458	-516	-788	-866	-194	-162
Georgia .....	..	..	-248	-354	-277	-216	-275	-375	-416	-195	-200*
Kazakhstan .....	..	-1 300	-1 900	-641	-905	-213	-751	-799	-1 236	-233	1 200*
Kyrgyzstan .....	..	..	-61	-88	-84	-235	-425	-138	-371	-185	-100*
Republic of Moldova .....	..	..	-152	-155	-82	-95	-192	-275	-327	-34	-120*
Russian Federation <sup>e</sup> .....	-6 300	2 500	1 142	12 792	8 360	7 401	11 753	2 060	721	25 049	46 000*
Tajikistan .....	..	..	-53	-208	-170	-89	-70	-56	-120	17*	100*
Turkmenistan .....	-308	447	926	776	84	23	0	-580	-934	-851*	100*
Ukraine .....	..	..	-526	-765	-1 163	-1 152	-1 184	-1 335	-1 296	834	1 700*
Uzbekistan .....	..	..	-236	-429	118	-21	-980	-584	-102	-176	50*
<b>Total above<sup>a</sup></b> .....	..	..	-900	2 724	2 448	1 644	-8 564	-20 374	-26 752	148*	28 083*
<i>Memorandum items:</i>											
<b>CETE-5</b> .....	473	-41	698	-6 277	-2 783	1 753	-9 408	-10 445	-12 698	-17 083	-15 408
<b>SETE-7<sup>a</sup></b> .....	-6 112	-2 106	-1 607	-1 619	78	-3 647	-3 895	-3 947	-4 913	-3 760	-3 546*
Asian CIS .....	..	..	-1 133	-1 170	-1 459	-1 370	-3 723	-3 755	-4 947	-2 530*	1 051*
Three European CIS <sup>f</sup> .....	..	..	-547	-1 355	-1 689	-1 705	-1 892	-2 397	-2 489	606	1 419*

*Source:* National balance of payments statistics; IMF.

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

<sup>b</sup> IMF projection.

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

<sup>e</sup> 1990-1992 excluding transactions with the Baltic and CIS countries.

<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, 1990-2000**  
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<b>Eastern Europe <sup>b</sup></b> .....	479	2 332	3 124	4 165	3 575	9 230	7 974	9 399	15 268	18 615	21 502*
Albania <sup>c</sup> .....	-	-	20	58	53	70	90	48	45	41	100*
Bosnia and Herzegovina .....	..	..	..	..	-	-	-	-	100	90	117
Bulgaria <sup>c</sup> .....	4	56	42	40	105	90	109	505	537	819	975
Croatia .....	-	-	16	120	117	115	506	530	898	1 408	1 000*
Czech Republic .....	132	513	1 004	654	869	2 562	1 428	1 300	3 718 <sup>d</sup>	6 324 <sup>d</sup>	4 595
Hungary .....	311	1 459	1 471	2 339	1 146	4 453	2 275	2 173	2 036	1 970	1 957
Poland (cash basis) <sup>c</sup> .....	10	117	284	580	542	1 132	2 768	3 077	5 129	6 471	9 461
Romania .....	-	40	77	94	341	419	263	1 215	2 031	1 041	998
Slovakia .....	18	82	100	168	250	202	330	161	508	330	2 075
Slovenia .....	4	65	111	113	128	177	194	375	248	181	181
The former Yugoslav Republic of Macedonia <sup>c</sup> .....	-	-	-	-	24	9	11	16	118	30	160*
Yugoslavia .....	..	..	..	..	..	..	-	740	113	112	-*
<b>Baltic states</b> .....	..	..	119	238	460	454	685	1 142	1 863	1 139	1 148
Estonia .....	..	..	82	162	215	202	151	267	581	305	398
Latvia .....	..	..	29	45	214	180	382	521	357	347	400*
Lithuania .....	..	..	8	30	31	73	152	355	926	486	350*
<b>CIS</b> .....	..	..	1 777	1 875	1 770	4 064	5 288	8 842	6 726	6 886*	5 363*
Armenia <sup>c</sup> .....	..	..	-	1	8	25	18	52	221	122	140*
Azerbaijan <sup>c</sup> .....	..	..	-	60	22	330	627	1 115	1 023	510	-30*
Belarus .....	..	..	7	18	11	15	73	200	149	444	90
Georgia <sup>c</sup> .....	..	..	-	-	8	6	40	203	265	82	100*
Kazakhstan <sup>e</sup> .....	..	..	100	228	635	964	1 137	1 321	1 144	1 632	1 099*
Kyrgyzstan <sup>c</sup> .....	..	..	-	10	38	96	47	83	109	36	20*
Republic of Moldova .....	..	25	17	14	12	67	24	75	81	34	120*
Russian Federation <sup>c</sup> .....	-	100	1 454	1 211	690	2 065	2 579	4 865	2 762	3 309	3 000*
Tajikistan <sup>c</sup> .....	..	..	9	9	12	20	25	30	24	21*	24*
Turkmenistan <sup>c</sup> .....	-	-	11	79	103	233	108	108	64	80*	100*
Ukraine .....	..	..	170	198	159	267	521	623	743	496	600*
Uzbekistan <sup>c</sup> .....	..	..	9	48	73	-24	90	167	140	121	100*
<b>Total above <sup>b</sup></b> .....	..	..	5 020	6 278	5 806	13 748	13 947	19 383	23 857	26 640*	28 013*
<i>Memorandum items:</i>											
<b>CETE-5</b> .....	475	2 236	2 970	3 853	2 935	8 526	6 995	7 087	11 639	15 276	18 269
<b>SETE-7<sup>b</sup></b> .....	4	96	155	312	640	704	979	2 313	3 629	3 339	3 232*
Asian CIS .....	..	..	129	435	899	1 651	2 092	3 079	2 991	2 604*	1 553*
Three European CIS <sup>f</sup> .....	..	..	194	229	181	349	617	898	974	974	810*
Poland (accrual basis) .....	89	291	678	1 715	1 875	3 659	4 498	4 908	6 365	7 270	..

*Source:* National balance of payments statistics; IMF.

*Note:* Changes in coverage are available in chap. 5, box 5.3.1.

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

<sup>b</sup> Excluding Bosnia and Herzegovina and Yugoslavia.

<sup>c</sup> Net of residents' investments abroad. Bulgaria, 1990-1994; Poland, 1990-1992.

<sup>d</sup> The Czech data for 1998-1999 have recently been revised to incorporate inter-company loans, increasing FDI inflows from \$2,720 and \$5,108 million, respectively. Both figures also reflect reinvested profits which is not the case for the preceding years. Also see the note.

<sup>e</sup> Drawings less repayments.

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