
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 1988-2002, *Appendix B* does the same for the east European countries and the Commonwealth of Independent States for 1980-2002.

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

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

The figures for 2002 are based on data available in early February 2003.

APPENDIX TABLE A.1

Real GDP in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	4.6	4.2	2.6	1.0	1.5	-0.9	2.1	1.7	1.1	1.9	3.4	3.2	3.8	1.8	1.0
Germany ^b	3.7	3.5	3.2	2.8	2.2	-1.1	2.3	1.7	0.8	1.4	2.0	2.0	2.9	0.6	0.2
Italy	3.9	2.9	2.0	1.4	0.8	-0.9	2.2	2.9	1.1	2.0	1.8	1.6	2.9	1.8	0.4
Austria	3.4	4.2	4.7	3.3	2.3	0.4	2.6	1.6	2.0	1.6	3.9	2.7	3.5	0.7	0.7
Belgium	4.7	3.5	3.1	1.8	1.5	-1.0	3.2	2.4	1.2	3.6	2.0	3.2	3.7	0.8	0.7
Finland	4.7	5.1	-	-6.3	-3.3	-1.1	4.0	3.8	4.0	6.3	5.3	4.1	6.1	0.7	1.4
Greece	4.3	3.8	-	3.1	0.7	-1.6	2.0	2.1	2.4	3.6	3.4	3.6	4.2	4.1	3.5
Ireland	5.2	5.8	8.5	1.9	3.3	2.7	5.8	9.9	8.1	10.9	8.8	11.1	10.0	5.7	3.3
Luxembourg	10.4	9.8	5.3	8.6	1.8	4.2	3.8	1.3	3.7	7.7	7.5	6.0	8.9	1.0	0.1
Netherlands	3.0	5.0	4.1	2.5	1.7	0.9	2.6	3.0	3.0	3.8	4.3	4.0	3.3	1.3	0.2
Portugal	7.5	6.4	4.0	4.4	1.1	-2.0	1.0	4.3	3.5	3.9	4.5	3.5	3.5	1.7	0.7
Spain	5.1	4.8	3.8	2.5	0.9	-1.0	2.4	2.8	2.4	4.0	4.3	4.2	4.2	2.7	1.9
Euro area^c	4.2	3.9	2.9	2.0	1.5	-0.8	2.3	2.3	1.5	2.4	2.9	2.8	3.5	1.5	0.8
United Kingdom	5.2	2.2	0.8	-1.4	0.2	2.5	4.7	2.9	2.6	3.4	2.9	2.4	3.1	2.0	1.6
Denmark	1.2	0.2	1.0	1.1	0.6	-	5.5	2.8	2.5	3.0	2.5	2.3	3.0	1.0	1.7
Sweden ^a	2.6	2.7	1.1	-1.1	-1.7	1.1	4.2	4.0	1.3	2.4	3.6	4.6	4.4	0.8	1.6
European Union^d	4.3	3.5	2.5	1.4	1.2	-0.3	2.8	2.5	1.7	2.6	2.9	2.8	3.4	1.6	0.9
Cyprus	8.5	7.9	7.4	0.6	9.8	0.7	5.9	6.1	1.9	2.5	5.0	4.8	5.2	4.1	1.8
Iceland	-0.1	0.3	1.2	0.7	-3.3	0.6	4.5	0.1	5.2	4.6	5.3	3.9	5.0	1.5	-0.6
Israel ^a	3.4	1.4	6.3	5.7	6.8	3.4	6.9	8.3	4.5	3.3	2.7	2.6	6.4	-0.9	-1.0
Malta	8.4	8.2	6.3	6.3	4.7	4.5	5.7	6.2	4.0	4.8	3.4	4.1	6.1	-0.8	2.5
Norway ^a	-0.1	0.9	2.0	3.8	3.3	2.7	5.3	4.4	5.3	5.2	2.6	2.1	2.4	1.4	2.1
Switzerland	3.1	4.3	3.7	-0.8	-0.1	-0.5	0.5	0.5	0.3	1.7	2.4	1.5	3.2	0.9	-0.2
Turkey	2.1	0.3	9.3	0.9	6.0	8.0	-5.5	7.2	7.0	7.5	3.1	-4.7	7.4	-7.4	3.7
Western Europe	4.1	3.4	2.8	1.3	1.4	0.1	2.4	2.6	1.9	2.8	2.9	2.4	3.6	1.2	1.0
Canada ^a	5.0	2.6	0.2	-2.1	0.9	2.3	4.8	2.8	1.6	4.2	4.1	5.4	4.5	1.5	3.3
United States ^a	4.2	3.5	1.8	-0.5	3.0	2.7	4.0	2.7	3.6	4.4	4.3	4.1	3.8	0.3	2.3
North America	4.2	3.4	1.6	-0.6	2.9	2.6	4.1	2.7	3.4	4.4	4.3	4.2	3.8	0.4	2.4
Japan	6.5	5.2	5.2	3.3	1.0	0.3	1.0	1.9	3.4	1.8	-1.1	0.1	2.8	0.3	-0.7
Total above	4.5	3.7	2.6	0.8	1.9	1.2	2.9	2.5	2.8	3.4	2.9	2.9	3.6	0.7	1.4
<i>Memorandum items:</i>															
4 major west European economies^e	4.3	3.2	2.3	1.2	1.3	-0.3	2.7	2.2	1.3	2.1	2.5	2.3	3.1	1.4	0.7
Western Europe and North America	4.2	3.4	2.2	0.4	2.1	1.3	3.3	2.7	2.7	3.6	3.6	3.3	3.7	0.8	1.7

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

Note: All aggregates exclude Israel. Growth rates of regional aggregates have been calculated from constant price series, base 2000. (These were computed by summing over all participant countries of the national series rescaled to the price level of the common reference year 2000 and then converted into dollars using 2000 purchasing power parities of GDP.)

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.2

Real private consumption expenditure in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	2.7	3.0	2.7	0.7	0.9	-0.4	1.2	1.2	1.3	0.2	3.4	3.2	2.5	2.6	1.7
Germany ^b	2.7	2.8	5.4	5.6	2.7	0.1	1.1	2.1	1.0	0.6	1.8	3.7	1.4	1.5	-0.5
Italy	4.0	3.7	2.1	2.9	1.9	-3.7	1.5	1.7	1.2	3.2	3.2	2.4	2.7	1.1	-0.1
Austria	3.1	4.3	4.5	2.5	3.0	0.8	2.4	2.6	3.2	1.7	2.7	2.3	3.3	1.5	0.8
Belgium	3.3	3.3	3.2	3.0	1.9	-0.4	2.4	1.6	1.1	2.1	3.0	2.1	3.4	0.9	0.8
Finland	5.3	4.6	-0.6	-3.8	-4.4	-3.1	2.6	4.4	4.2	3.5	5.1	4.0	2.6	1.1	2.7
Greece	6.1	6.3	2.6	2.9	2.3	-0.8	1.9	2.5	2.4	2.7	3.5	2.9	2.7	3.2	3.0
Ireland	4.5	6.5	1.4	1.8	2.9	2.9	4.4	3.6	6.5	7.2	7.7	9.3	9.0	5.0	3.7
Luxembourg	4.6	5.1	3.8	7.0	-2.3	2.1	4.0	2.1	4.0	4.0	7.8	2.6	3.3	3.6	2.3
Netherlands	0.6	3.3	3.9	2.7	0.8	0.5	0.9	3.0	4.0	3.0	4.8	4.7	3.6	1.2	1.0
Portugal	6.8	2.9	6.4	4.2	4.7	1.1	1.0	0.6	3.0	3.3	5.1	4.8	2.6	0.9	1.0
Spain	4.9	5.4	3.5	2.9	2.2	-1.9	1.1	1.7	2.2	3.2	4.5	4.7	4.0	2.7	1.7
Euro area^c	3.4	3.6	3.6	3.2	2.0	-1.0	1.3	1.9	1.6	1.8	3.2	3.5	2.6	1.8	0.7
United Kingdom	7.5	3.3	1.0	-1.5	0.6	3.2	3.3	1.9	3.8	3.8	3.8	4.5	5.2	4.1	3.5
Denmark	-2.1	-0.1	0.1	1.6	1.9	0.5	6.5	1.2	2.5	2.9	2.3	0.2	-0.3	0.8	2.1
Sweden ^a	2.6	1.2	-0.4	1.0	-1.3	-3.0	1.9	1.1	1.6	2.7	3.0	3.8	4.9	0.2	1.4
European Union^d	4.0	3.4	3.0	2.3	1.7	-0.4	1.7	1.8	2.0	2.1	3.2	3.6	3.0	2.2	1.2
Cyprus	10.5	6.9	9.0	9.9	3.2	-4.8	5.0	10.3	3.5	3.9	8.6	2.8	5.7	5.0	3.0
Iceland	-3.8	-4.2	0.5	2.9	-3.1	-4.7	2.9	2.2	5.4	5.1	10.4	7.2	4.2	-1.2	-0.6
Israel ^a	4.5	0.4	5.6	7.2	8.0	7.3	9.5	5.8	5.2	3.9	4.3	3.2	6.6	2.5	-0.6
Malta	9.0	9.2	3.8	3.8	4.3	0.8	2.3	10.5	7.1	1.6	2.5	6.1	7.6	1.9	2.9
Norway ^a	-2.0	-0.6	0.7	2.5	2.2	2.4	3.3	3.7	6.5	3.2	2.7	3.3	3.5	2.5	3.2
Switzerland	1.4	2.7	1.0	1.9	-	-1.7	0.5	-0.4	0.3	1.8	2.6	2.3	2.2	1.8	1.0
Turkey	1.2	-1.0	13.1	2.7	3.2	8.6	-5.4	4.8	8.5	8.4	0.6	-2.6	6.2	-9.0	2.2
Western Europe	3.7	3.2	3.3	2.3	1.7	-	1.4	2.0	2.3	2.5	3.1	3.3	3.2	1.6	1.3
Canada ^a	4.3	3.4	1.2	-1.6	1.5	1.8	3.0	2.1	2.6	4.6	2.8	3.9	3.7	2.6	2.6
United States ^a	4.0	2.7	1.8	-0.2	2.9	3.4	3.8	3.0	3.2	3.6	4.8	4.9	4.3	2.5	3.1
North America	4.1	2.7	1.8	-0.3	2.8	3.2	3.7	2.9	3.1	3.6	4.6	4.9	4.3	2.5	3.1
Japan	5.0	4.7	4.5	2.9	2.6	1.4	2.7	1.8	2.4	0.9	-0.1	0.2	1.0	1.7	0.8
Total above	4.0	3.2	2.8	1.2	2.3	1.6	2.6	2.4	2.7	2.8	3.4	3.6	3.4	2.0	2.1
<i>Memorandum items:</i>															
4 major west European economies^e	4.1	3.2	3.0	2.3	1.7	-0.2	1.7	1.8	1.8	1.8	2.9	3.5	2.8	2.3	1.1
Western Europe and North America	3.9	2.9	2.5	1.0	2.2	1.7	2.6	2.5	2.8	3.1	3.9	4.1	3.8	2.1	2.3

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

Note: See appendix table A.1.

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.3

Real general government consumption expenditure in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	3.2	1.6	2.5	2.7	3.8	4.6	0.7	-0.1	2.3	2.1	-0.1	2.0	2.2	2.5	3.2
Germany ^b	2.2	-1.3	2.3	0.8	5.0	0.1	2.4	1.5	1.8	0.3	1.9	1.0	1.2	0.8	1.5
Italy	4.0	0.2	2.5	1.7	0.6	-0.2	-0.9	-2.2	1.0	0.2	0.2	1.3	1.7	2.2	1.6
Austria	1.1	1.7	2.3	3.2	3.5	3.7	3.0	1.3	1.2	-1.5	2.8	3.1	-	-0.5	0.2
Belgium	-0.7	1.1	-0.4	3.6	1.5	-0.2	1.4	1.3	2.4	0.2	1.0	3.6	2.3	2.2	1.4
Finland	1.9	2.2	4.0	2.1	-2.4	-4.2	0.3	1.9	2.5	4.1	1.7	1.9	-0.2	2.1	1.9
Greece	-5.5	5.4	0.6	-1.5	-3.0	2.6	-1.1	5.6	0.9	3.0	1.7	1.4	2.3	0.5	1.0
Ireland	-5.0	-1.3	5.4	2.7	3.0	0.1	4.1	3.9	3.3	5.3	6.5	6.7	7.6	10.5	7.0
Luxembourg	4.9	3.9	6.7	4.0	3.2	5.2	1.0	4.8	5.6	3.1	1.3	7.1	4.3	7.5	6.0
Netherlands	1.8	1.9	2.2	3.0	2.9	1.6	1.5	1.5	-0.4	3.2	3.6	2.5	1.9	3.1	2.4
Portugal	8.6	6.4	4.2	9.6	-0.9	-0.2	4.3	1.0	3.4	2.2	4.1	5.0	3.3	2.4	1.4
Spain	3.6	8.3	6.3	6.0	3.5	2.7	0.5	2.4	1.3	2.9	3.7	4.2	4.0	3.1	2.2
Euro area^c	2.6	1.1	2.7	2.4	2.9	1.5	1.1	0.6	1.6	1.3	1.4	2.0	2.0	2.0	2.1
United Kingdom	0.2	1.0	2.2	3.0	0.7	-0.7	1.0	1.7	1.2	0.1	1.5	3.1	2.1	3.1	3.7
Denmark	-0.2	-0.8	-0.2	0.6	0.8	4.1	3.0	2.1	3.4	0.8	3.1	1.8	0.6	1.2	1.4
Sweden ^a	1.1	3.0	2.5	3.4	0.2	6.6	-0.8	-0.4	0.7	-0.9	3.4	1.7	-1.1	0.9	1.7
European Union^d	2.1	1.1	2.5	2.5	2.5	1.4	1.0	0.7	1.6	1.0	1.6	2.2	1.8	2.1	2.3
Cyprus	10.5	1.9	17.4	3.9	13.8	-14.3	4.1	2.9	12.6	4.0	7.3	-7.7	0.2	11.5	6.1
Iceland	4.7	3.0	4.4	3.1	-0.7	2.3	4.0	1.8	1.2	2.5	3.4	5.1	3.7	3.7	3.2
Israel ^a	-2.5	-8.6	7.7	4.1	1.4	4.2	-0.2	1.8	5.3	1.8	2.4	3.1	1.1	3.3	5.5
Malta	6.0	12.7	5.7	10.9	8.9	6.0	6.4	8.5	8.4	-1.1	-4.0	-0.6	5.4	2.9	5.2
Norway ^a	-0.1	1.9	4.9	6.2	5.6	2.7	1.5	1.5	3.1	2.5	3.3	3.2	1.2	2.0	1.6
Switzerland	4.5	5.4	5.4	3.5	0.7	-0.1	2.0	-0.1	2.0	-	1.3	1.2	1.5	2.6	3.1
Turkey	-1.1	0.8	8.0	3.7	3.6	8.6	-5.5	6.8	8.6	4.1	7.8	6.5	7.1	-8.6	2.1
Western Europe	2.1	1.2	2.7	2.6	2.5	1.5	0.9	0.9	1.8	1.1	1.7	2.3	2.0	1.8	2.3
Canada ^a	4.6	2.8	3.5	2.9	1.0	-	-1.2	-0.6	-1.2	-1.0	3.2	1.9	2.3	3.3	1.9
United States ^{a,e}	1.2	2.8	3.3	1.2	0.5	-0.8	0.1	0.4	1.1	2.4	1.9	3.9	2.7	3.7	4.2
North America	1.4	2.8	3.3	1.3	0.5	-0.7	-	0.4	0.9	2.1	2.0	3.7	2.7	3.6	4.0
Japan	3.7	2.7	2.6	3.4	2.6	3.2	2.7	4.2	2.9	1.0	2.1	4.4	4.7	2.5	2.4
Total above	2.0	2.0	3.0	2.1	1.6	0.7	0.7	1.0	1.5	1.5	1.9	3.1	2.6	2.7	3.1
<i>Memorandum items:</i>															
4 major west European economies^f	2.4	0.2	2.4	2.0	2.8	1.0	1.0	0.3	1.6	0.7	0.9	1.8	1.8	2.0	2.5
Western Europe and North America	1.8	2.0	3.0	1.9	1.5	0.4	0.4	0.6	1.3	1.6	1.9	3.0	2.3	2.7	3.1

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

Note: See appendix table A.1.

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Includes final consumption expenditure and gross investment.

^f France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.4

Real gross domestic fixed capital formation in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	9.5	7.3	3.3	-1.5	-1.6	-6.4	1.5	2.0	-	-0.1	7.0	8.3	7.7	2.3	0.1
Germany ^b	4.6	5.6	9.0	9.8	4.5	-4.4	4.0	-0.6	-0.8	0.6	3.0	4.1	2.5	-5.3	-6.4
Italy	6.7	4.2	4.0	1.0	-1.4	-10.9	0.1	6.0	3.6	2.1	4.0	5.7	6.5	2.4	-2.2
Austria	7.4	4.1	6.2	6.6	0.6	-0.9	4.6	1.3	2.2	2.0	3.9	2.1	5.9	-2.2	-2.6
Belgium	16.1	11.6	8.5	-4.2	1.0	-2.5	0.4	3.4	0.9	7.2	3.0	4.3	4.1	0.5	-2.8
Finland	11.0	13.0	-4.6	-18.6	-16.7	-16.6	-2.7	10.6	8.4	11.9	9.3	3.0	3.9	4.0	-1.6
Greece	2.6	6.1	4.5	4.2	-3.5	-4.0	-3.1	4.1	8.4	6.8	10.6	6.2	8.0	5.9	7.3
Ireland	5.2	10.1	13.4	-7.0	-	-5.1	11.8	15.3	16.8	18.1	14.8	14.0	7.0	-0.4	0.8
Luxembourg	15.0	7.0	3.4	15.8	-15.1	20.6	-	-1.5	3.9	12.6	11.8	14.0	-6.3	5.9	-2.7
Netherlands	5.3	5.1	2.5	0.4	0.7	-3.2	2.1	3.9	6.3	6.6	4.2	7.8	3.5	-0.8	-3.3
Portugal	14.8	3.7	7.6	3.3	4.5	-5.5	2.7	6.6	5.7	13.9	11.5	7.3	4.7	0.1	-3.4
Spain	13.6	12.0	6.5	1.7	-4.1	-8.9	1.9	7.7	2.1	5.0	9.7	8.8	5.7	2.5	1.5
Euro area^c	7.8	6.7	5.7	2.7	0.1	-6.4	2.2	2.9	1.7	2.8	5.5	6.2	5.0	-0.2	-2.3
United Kingdom	14.9	6.0	-2.6	-8.2	-0.9	0.3	4.7	3.1	4.7	6.9	12.8	0.6	1.9	0.3	-4.0
Denmark	-3.2	-0.6	-2.2	-3.4	-2.1	-3.8	7.7	11.6	3.9	10.9	10.0	1.0	10.7	-	2.3
Sweden ^a	6.4	12.1	0.2	-8.6	-11.6	-10.3	6.6	9.9	4.5	-0.3	7.8	8.2	6.6	0.8	-1.6
European Union^d	8.5	6.6	4.3	1.0	-0.3	-5.7	2.6	3.2	2.1	3.3	6.5	5.3	4.7	-0.1	-2.4
Cyprus	10.6	20.0	-2.8	-1.6	16.2	-12.8	-2.5	-1.7	7.4	-4.5	8.0	-1.4	4.1	2.5	3.5
Iceland	-0.2	-7.9	3.0	3.3	-11.1	-10.7	0.6	-1.1	25.7	10.0	29.2	-2.5	12.7	-5.5	-13.7
Israel ^a	1.6	-2.2	25.3	41.9	5.2	5.3	8.4	6.6	9.0	-0.9	-3.6	0.4	1.1	-6.1	-8.9
Malta	6.1	1.0	17.9	-	-0.2	11.1	8.5	17.8	-8.4	-4.5	-3.4	4.0	17.3	-11.4	-5.1
Norway ^a	-1.8	-6.9	-10.8	-8.5	-1.1	6.5	5.3	3.9	10.3	15.5	13.1	-5.6	-1.5	-4.6	1.4
Switzerland	8.1	5.3	3.8	-2.9	-6.6	-2.7	6.5	1.8	-2.4	1.5	4.5	2.7	5.8	-5.2	-6.1
Turkey	-1.0	2.2	15.9	0.4	6.4	26.4	-16.0	9.1	14.1	14.8	-3.9	-15.7	16.9	-31.7	-4.5
Western Europe	7.9	6.2	4.4	0.7	-0.2	-4.2	1.8	3.4	2.7	4.0	6.1	4.0	5.2	-1.7	-2.5
Canada ^a	9.4	5.6	-4.0	-5.5	-2.7	-2.0	7.5	-2.1	4.4	15.2	2.4	7.8	6.5	1.7	3.4
United States ^{a,e}	3.6	2.7	-1.8	-6.9	6.5	8.1	9.1	6.1	9.3	9.6	11.4	7.8	6.1	-3.8	-2.0
North America	4.3	3.1	-2.1	-6.8	5.3	6.9	9.0	5.2	8.8	10.1	10.5	7.8	6.1	-3.3	-1.5
Japan	12.1	8.6	8.1	2.3	-2.4	-2.8	-1.5	0.7	6.4	0.9	-3.9	-0.9	2.7	-1.5	-5.5
Total above	7.7	5.8	3.3	-1.0	0.8	-0.7	3.2	3.4	5.5	5.4	5.5	4.5	5.1	-2.3	-2.6
<i>Memorandum items:</i>															
4 major west European economies^f	8.1	5.8	4.3	1.8	0.9	-5.6	2.7	1.9	1.3	1.9	5.9	4.6	4.4	-0.8	-3.4
Western Europe and North America	6.4	4.9	1.9	-2.1	1.8	-0.1	4.7	4.2	5.3	6.7	8.1	5.8	5.6	-2.5	-2.0

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

Note: See appendix table A.1.

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

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

^f France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.5

Real total domestic expenditures in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	4.7	3.9	2.8	0.5	0.8	-1.6	2.1	1.6	0.7	0.7	4.0	3.6	4.0	1.7	1.0
Germany ^b	3.6	2.7	4.8	6.2	2.8	-1.1	2.3	1.7	0.3	0.6	2.4	2.8	1.8	-0.8	-1.3
Italy	4.1	3.1	2.7	2.1	0.9	-5.1	1.7	2.0	0.9	2.7	3.1	3.0	2.1	1.6	0.7
Austria	3.3	3.7	4.4	3.5	2.3	0.6	3.5	2.6	1.9	1.5	2.9	2.9	2.7	-0.1	-0.3
Belgium	4.9	4.1	3.3	1.6	1.7	-0.9	2.3	1.5	0.9	2.8	2.9	2.4	3.6	0.5	0.4
Finland	6.6	7.0	-0.5	-7.9	-5.7	-5.5	3.2	3.2	4.1	4.7	4.8	2.8	2.9	2.0	0.9
Greece	5.9	5.3	2.2	3.5	-0.5	-1.0	1.1	3.5	3.3	3.5	4.6	2.8	4.0	3.5	3.6
Ireland	1.9	6.9	6.3	0.2	-0.1	1.0	5.1	6.5	7.7	9.5	10.9	7.7	8.8	4.8	3.5
Luxembourg	6.5	8.0	4.7	8.6	-4.1	4.6	2.4	2.4	4.2	5.9	7.4	6.3	0.7	6.1	1.7
Netherlands	2.2	5.0	3.4	2.2	1.2	-1.6	2.0	3.5	2.8	3.9	4.8	4.3	2.7	1.4	0.4
Portugal	10.1	4.9	5.3	6.1	3.4	-2.1	1.5	4.1	3.0	5.1	6.7	5.6	3.0	0.9	-0.1
Spain	6.8	7.3	4.6	3.0	1.0	-3.3	1.5	3.1	1.9	3.5	5.7	5.6	4.4	2.7	1.8
Euro area^c	4.4	3.9	3.6	3.0	1.4	-2.3	2.0	2.2	1.1	1.9	3.7	3.5	2.9	1.0	0.3
United Kingdom	8.1	2.9	-0.3	-2.5	0.9	2.2	3.8	2.0	3.1	3.9	5.0	3.6	3.9	2.5	2.0
Denmark	0.2	-0.1	-0.7	-0.1	0.9	-0.3	7.0	4.2	2.2	4.9	4.0	-0.5	2.6	1.1	1.8
Sweden ^a	3.1	4.0	0.8	-2.0	-2.0	-2.1	3.2	2.2	0.9	1.1	4.3	3.3	3.8	0.1	0.5
European Union^d	4.9	3.7	2.9	2.0	1.3	-1.6	2.4	2.2	1.4	2.3	3.9	3.5	3.1	1.3	0.6
Cyprus	11.3	9.7	6.3	5.1	9.3	-9.5	7.4	7.8	3.4	2.2	9.1	0.9	5.8	4.1	3.6
Iceland	-0.7	-4.4	1.5	4.6	-4.6	-4.2	2.4	2.2	7.3	5.5	13.2	4.3	-8.0	-1.7	-2.7
Israel ^a	2.5	-2.8	9.3	12.1	5.3	6.8	5.3	6.7	5.7	2.0	1.2	4.9	3.4	1.7	-0.4
Malta	11.5	8.3	7.6	4.9	0.1	4.8	5.9	9.5	2.8	-0.1	-1.1	5.8	10.5	-5.4	1.8
Norway ^a	-2.5	-1.6	-	0.7	2.2	3.2	4.2	4.6	4.4	6.7	5.7	0.3	2.5	-0.3	2.4
Switzerland	2.4	4.3	3.8	-0.5	-2.8	-1.5	2.3	1.2	0.2	1.5	4.4	1.4	3.0	1.2	-0.2
Turkey	-1.0	1.1	14.3	-0.1	5.3	13.4	-11.5	10.4	7.8	8.9	0.7	-3.4	9.3	-18.4	5.1
Western Europe	4.5	3.6	3.3	1.8	1.3	-0.9	1.8	2.5	1.7	2.6	3.8	3.1	3.4	0.3	0.8
Canada ^a	5.4	4.1	-0.3	-1.9	0.5	1.5	3.3	1.8	1.3	6.1	2.5	4.3	4.4	1.1	2.8
United States ^a	3.2	2.9	1.4	-1.1	3.1	3.2	4.4	2.4	3.7	4.7	5.5	5.0	4.4	0.2	2.8
North America	3.4	3.0	1.3	-1.1	2.9	3.0	4.3	2.4	3.5	4.8	5.2	5.0	4.4	0.3	2.8
Japan	7.3	5.6	5.2	2.9	0.6	0.2	1.2	2.5	3.9	0.9	-1.5	0.2	2.4	1.0	-1.4
Total above	4.4	3.6	2.7	0.8	1.9	0.9	2.8	2.4	2.8	3.3	3.7	3.5	3.7	0.4	1.4
<i>Memorandum items:</i>															
4 major west European economies^e	4.9	3.1	2.7	2.1	1.5	-1.5	2.4	1.8	1.1	1.8	3.5	3.2	2.9	1.1	0.4
Western Europe and North America	3.9	3.3	2.3	0.4	2.1	1.0	3.1	2.4	2.6	3.7	4.5	4.1	3.9	0.3	1.9

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

Note: See appendix table A.1.

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.6

Real exports of goods and services in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	8.7	10.0	4.8	5.9	5.4	-	7.7	7.7	3.5	11.8	8.3	4.3	12.7	0.5	0.4
Germany ^b	5.1	9.8	0.5	-2.9	-0.8	-5.5	7.6	5.7	5.1	11.2	7.0	5.6	13.7	5.0	2.9
Italy	5.1	7.8	7.5	-1.4	7.3	9.0	9.8	12.6	0.6	6.4	3.4	0.3	11.7	0.8	-0.7
Austria	9.8	9.7	7.8	5.2	1.5	-1.4	5.6	3.0	5.2	12.4	8.1	8.5	13.4	7.4	0.1
Belgium	9.6	8.3	4.6	3.1	3.6	-0.4	8.4	5.2	2.9	6.1	5.9	5.0	8.2	1.1	-0.6
Finland	3.5	1.6	1.2	-7.3	10.3	16.7	13.1	8.6	5.8	14.1	8.9	6.8	20.1	-2.2	2.5
Greece	-2.1	1.9	-3.5	4.1	10.0	-2.6	7.4	3.0	3.5	20.0	5.3	8.0	19.7	-1.3	1.0
Ireland	9.0	10.3	8.7	5.7	13.9	9.7	15.1	20.0	12.2	17.4	21.0	15.2	20.6	6.7	4.9
Luxembourg	11.7	8.1	5.6	9.2	2.7	4.8	7.7	3.4	5.6	13.6	14.3	12.0	19.1	1.2	-2.6
Netherlands	8.9	7.9	5.0	5.6	2.4	5.7	9.7	8.8	4.6	8.8	7.4	5.1	10.9	1.7	-1.6
Portugal	8.2	12.2	9.5	1.2	3.2	-3.3	8.4	8.8	7.1	7.1	9.1	3.2	8.4	2.9	2.6
Spain	3.8	1.4	4.7	8.2	7.5	7.8	16.7	9.4	10.4	15.3	8.2	7.7	10.1	3.4	-0.4
Euro area^c	6.5	8.4	3.9	1.5	3.5	1.2	9.1	8.0	4.4	10.4	7.2	5.1	12.5	2.7	0.8
United Kingdom	0.6	4.5	5.4	-0.1	4.3	4.4	9.2	9.0	8.2	8.3	3.0	5.3	10.1	1.2	-
Denmark	11.2	4.2	6.2	6.1	-0.9	-1.5	7.0	2.9	4.3	4.1	4.3	10.8	11.5	3.7	3.6
Sweden ^a	2.8	3.2	1.8	-1.9	2.2	8.3	14.1	11.5	3.7	13.8	8.6	7.4	11.3	-1.4	1.8
European Union^d	5.7	7.7	4.1	1.3	3.5	1.8	9.2	8.1	4.9	10.1	6.7	5.3	12.2	2.4	0.8
Cyprus	13.5	16.8	7.9	-8.4	18.7	-1.3	7.9	4.6	4.1	0.8	-2.4	6.3	9.3	4.0	-3.6
Iceland	-3.6	2.9	-	-5.9	-1.9	7.0	9.9	-2.1	9.9	5.7	2.2	4.8	6.3	5.5	-
Israel ^a	-1.5	4.0	2.0	-2.6	14.1	9.9	12.8	8.4	4.9	8.0	6.6	11.6	23.9	-11.7	-5.4
Malta	6.1	10.7	13.3	7.5	9.7	5.3	7.1	5.4	-5.9	4.0	8.1	8.2	5.6	-4.8	-1.8
Norway ^a	6.4	11.0	8.6	7.0	4.7	3.2	8.4	4.9	10.2	7.7	0.6	2.8	2.9	4.2	2.5
Switzerland	7.0	6.9	2.6	-2.5	3.6	2.6	2.2	2.4	3.0	8.7	5.3	6.2	11.8	-0.9	-1.8
Turkey	18.4	-0.3	2.6	3.7	11.0	7.7	15.2	8.0	22.0	19.1	12.0	-7.0	19.2	7.4	6.5
Western Europe	6.0	7.6	4.1	1.4	3.7	1.9	9.1	7.9	5.3	10.2	6.6	4.9	12.1	2.5	0.9
Canada ^a	8.9	1.0	4.7	1.8	7.2	10.8	12.7	8.5	5.6	8.3	9.1	10.0	8.0	-3.8	1.6
United States ^a	16.1	11.8	8.7	6.5	6.2	3.3	8.9	10.3	8.2	12.3	2.1	3.4	9.7	-5.4	-1.2
North America	14.0	8.9	7.7	5.4	6.4	5.1	9.9	9.8	7.5	11.3	3.8	5.1	9.3	-5.0	-0.5
Japan	5.9	9.1	7.0	4.1	3.9	-0.1	3.5	4.1	6.5	11.3	-2.3	1.5	12.4	-6.5	5.5
Total above	7.9	8.0	5.2	2.6	4.4	2.6	8.9	8.1	6.0	10.6	5.2	4.7	11.3	-0.1	0.8
<i>Memorandum items:</i>															
4 major west European economies^e	4.8	8.4	3.6	-0.3	3.1	0.6	8.4	8.4	4.4	9.6	5.6	4.1	12.3	2.4	1.0
Western Europe and North America	8.0	7.9	5.1	2.5	4.4	2.8	9.4	8.5	6.0	10.5	5.8	5.0	11.3	0.3	0.5

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

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

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.7

Real imports of goods and services in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France ^a	8.8	8.0	5.5	3.1	1.8	-3.7	8.2	8.0	1.6	6.9	11.6	6.2	14.3	0.1	0.4
Germany ^b	4.9	7.8	5.2	9.6	1.5	-5.5	7.4	5.6	3.1	8.3	9.1	8.5	10.5	1.0	-1.3
Italy	5.9	8.9	11.5	2.3	7.4	-10.9	8.1	9.7	-0.3	10.1	8.9	5.3	9.4	0.2	0.1
Austria	9.3	8.0	6.9	5.8	1.4	-1.1	8.2	5.6	4.9	12.0	5.7	9.0	11.6	5.9	-1.8
Belgium	10.4	9.6	4.8	2.8	4.1	-0.4	7.2	4.0	2.5	5.1	7.5	4.1	8.4	0.8	-1.1
Finland	10.9	9.0	-0.8	-13.5	0.6	1.3	12.8	7.8	6.4	11.3	8.5	4.0	16.0	0.1	1.6
Greece	7.3	10.5	8.4	5.8	1.1	0.6	1.5	8.9	7.0	14.2	9.2	3.8	14.5	-1.9	2.2
Ireland	4.9	13.5	5.1	2.4	8.2	7.5	15.5	16.4	12.5	16.8	25.8	12.0	21.2	6.1	5.3
Luxembourg	8.2	6.6	5.0	9.1	-3.1	5.2	6.7	4.7	6.3	12.6	14.9	12.9	14.0	4.5	-1.9
Netherlands	6.9	8.2	3.6	5.1	1.4	0.7	9.4	10.6	4.4	9.5	8.5	5.8	10.6	1.9	-1.4
Portugal	18.0	5.9	14.5	7.2	10.7	-3.3	8.8	7.4	4.9	10.0	14.2	8.8	5.8	0.9	0.2
Spain	16.1	17.7	9.6	10.3	6.8	-5.2	11.4	11.1	8.0	13.2	13.2	12.7	10.6	3.5	-0.5
Euro area^c	7.8	9.0	6.6	5.5	3.4	-4.3	8.3	7.7	3.3	9.2	10.1	7.4	11.2	1.4	-0.4
United Kingdom	12.8	7.4	0.5	-4.5	6.8	3.3	5.7	5.4	9.6	9.7	9.6	8.7	11.7	2.8	1.4
Denmark	8.3	4.1	1.2	3.0	-0.4	-2.7	12.3	7.3	3.5	10.0	8.9	3.3	11.2	4.3	4.1
Sweden ^a	4.5	7.7	0.7	-4.9	1.5	-2.2	12.2	7.2	3.0	12.5	11.3	4.9	11.5	-3.5	-0.6
European Union^d	8.3	8.7	5.5	3.8	3.7	-3.3	8.2	7.4	4.1	9.4	10.0	7.4	11.3	1.5	-0.1
Cyprus	13.4	20.4	5.8	2.2	18.2	-18.1	8.2	11.5	7.0	0.4	6.6	-1.9	10.2	3.9	0.6
Iceland	-4.6	-10.3	1.0	5.3	-5.9	-7.7	4.2	4.0	16.7	8.5	23.3	5.7	-25.5	-3.0	-5.0
Israel ^a	-2.8	-5.0	9.5	16.0	8.8	14.1	10.9	4.5	7.7	3.3	1.7	14.8	12.2	-4.5	-3.0
Malta	11.1	11.1	15.7	5.4	3.0	5.9	7.5	10.0	-5.9	-1.7	2.5	10.1	10.4	-9.6	-2.4
Norway ^a	-2.4	2.2	2.5	-2.0	1.6	4.9	5.8	5.7	8.8	12.4	8.5	-1.8	3.2	-	3.3
Switzerland	4.7	6.6	2.8	-1.4	-4.7	-0.4	8.0	4.5	2.7	8.3	10.8	5.8	11.2	-0.1	-1.8
Turkey	-4.5	6.9	33.0	-5.2	10.9	35.8	-21.9	29.6	20.5	22.4	2.3	-3.7	25.4	-24.8	11.5
Western Europe	7.7	8.4	5.9	3.4	3.6	-2.1	7.1	7.9	4.6	9.9	9.7	6.8	11.6	0.5	0.2
Canada ^a	13.5	5.9	2.0	2.5	4.7	7.4	8.0	5.7	5.1	14.2	5.1	7.8	8.2	-5.8	0.3
United States ^a	3.8	4.0	3.8	-0.5	6.6	9.1	12.0	8.2	8.6	13.7	11.8	10.9	13.2	-2.9	3.4
North America	5.9	4.4	3.4	0.2	6.2	8.7	11.1	7.6	7.9	13.8	10.3	10.3	12.2	-3.4	2.8
Japan	19.5	15.7	7.0	-1.1	-0.7	-1.4	7.8	12.8	13.2	1.2	-6.8	3.0	9.5	-0.9	-1.2
Total above	7.9	7.8	5.3	2.2	4.0	0.8	8.3	8.1	6.2	10.4	8.8	7.7	11.6	-0.9	1.0
<i>Memorandum items:</i>															
4 major west European economies^e	7.6	8.0	5.6	3.7	3.8	-4.6	7.3	6.9	3.4	8.7	9.7	7.4	11.3	1.0	-0.1
Western Europe and North America	7.1	7.2	5.2	2.5	4.3	1.0	8.3	7.8	5.7	11.1	9.9	7.9	11.8	-0.9	1.1

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

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

^a Annual changes are calculated from chained national currency series.

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.8

Industrial output in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France	4.6	3.7	3.1	-0.3	-1.0	-3.8	4.4	2.3	0.9	3.9	5.1	2.0	3.5	0.8	-1.0
Germany ^a	3.6	4.9	5.2	3.5	-2.4	-7.9	3.2	0.8	0.7	3.7	4.1	1.5	6.2	0.5	-1.9
Italy	6.9	3.9	6.3	-0.4	-1.3	-2.1	6.2	5.0	-1.9	3.8	1.1	-	4.8	-1.3	-2.7
Austria	4.4	5.8	6.8	1.9	-1.2	-1.5	4.0	4.9	1.0	6.4	8.2	6.0	8.9	0.1	-0.2
Belgium	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	-1.0	1.0
Finland	4.3	2.4	-1.7	-8.7	0.8	5.5	11.3	6.1	2.9	8.6	9.3	5.7	11.5	-1.1	1.6
Greece	5.1	1.8	-2.5	-1.0	-1.1	-2.9	1.3	1.8	1.2	1.3	7.1	3.9	0.5	1.4	-0.4
Ireland	10.7	11.6	4.7	3.3	9.1	5.6	11.9	20.5	8.1	17.5	19.8	14.8	15.4	10.2	8.9
Luxembourg	8.7	7.8	2.6	0.4	-0.8	-4.3	5.9	2.0	0.1	5.8	-0.1	11.5	4.3	1.8	0.8
Netherlands	0.1	5.1	2.4	1.8	-0.2	-1.1	4.9	4.1	2.4	0.2	2.2	1.4	3.8	-0.7	-1.9
Portugal	3.8	6.7	9.0	-	-2.3	-5.2	-0.2	11.6	5.3	2.6	5.7	3.0	0.5	2.4	-0.3
Spain	3.1	5.1	-0.3	-0.7	-3.1	-4.7	7.7	4.8	-1.3	6.9	5.5	2.6	4.4	-1.4	-0.2
Euro area^b	4.2	4.6	2.8	0.7	-1.7	-4.8	4.5	3.4	0.4	4.2	4.4	2.0	5.5	0.2	-1.2
United Kingdom	5.2	2.1	-	-3.3	0.4	2.1	5.2	1.8	1.2	1.1	1.0	0.8	1.7	-2.2	-3.9
Denmark	2.5	2.4	2.4	-	3.5	-2.2	10.3	4.2	2.0	5.9	1.9	2.7	6.2	1.7	-0.2
Sweden	2.9	2.9	0.3	-5.2	-1.7	-0.4	11.5	9.8	1.0	6.4	4.3	3.1	8.4	-1.7	-0.3
European Union^c	4.2	4.2	2.5	-0.1	-1.4	-3.7	5.0	3.3	0.5	3.9	3.8	1.8	5.0	-0.1	-1.5
Israel	-3.1	-1.6	8.0	6.8	8.2	6.9	7.4	8.4	5.4	1.8	2.8	1.4	10.1	-5.7	-3.4
Norway	2.9	9.3	2.5	2.5	5.6	3.6	7.0	5.9	5.4	3.4	-0.6	-0.2	2.9	-0.3	1.8
Switzerland	7.8	1.5	4.8	0.5	-1.0	-1.8	4.3	2.0	-	4.6	3.6	3.5	8.4	-0.1	-6.1
Turkey	1.6	3.6	9.5	2.6	5.0	8.0	-6.1	12.7	7.5	11.5	1.3	-3.7	6.1	-8.7	8.7
Western Europe	4.2	4.2	2.8	0.1	-1.0	-3.0	4.5	3.7	0.9	4.3	3.6	1.5	5.1	-0.5	-1.1
Canada	6.6	-0.3	-2.7	-3.6	1.3	4.8	6.2	4.6	1.2	5.6	3.5	5.1	5.7	-3.4	1.0
United States	4.5	1.8	-0.2	-2.0	3.1	3.4	5.5	4.8	4.6	6.9	5.1	3.7	4.5	-3.9	-1.2
North America	4.7	1.6	-0.4	-2.1	3.0	3.6	5.6	4.8	4.3	6.8	5.0	3.8	4.6	-3.8	-1.0
Japan	9.4	5.8	4.2	1.9	-5.7	-3.5	1.3	3.3	2.3	3.5	-6.5	0.8	5.7	-7.3	-2.6
Total above	5.4	3.6	2.0	-0.3	-0.8	-0.9	4.2	4.0	2.5	5.1	2.1	2.3	5.0	-3.0	-1.3
<i>Memorandum items:</i>															
4 major west European economies^d	4.9	3.8	3.9	0.5	-1.3	-3.7	4.6	2.3	0.2	3.2	2.9	1.1	4.4	-0.4	-2.3
Western Europe and North America	4.4	3.0	1.4	-0.9	0.7	-0.2	5.0	4.2	2.5	5.5	4.3	2.6	4.9	-2.1	-1.1

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

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

^a West Germany, 1988-1991.

^b Twelve countries above.

^c Fifteen countries above.

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

APPENDIX TABLE A.9

Total employment in western Europe, North America and Japan, 1988-2002
(Percentage change over preceding year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France	0.9	1.7	0.7	0.2	-0.8	-1.2	0.1	0.5	0.4	0.3	1.5	1.9	2.4	2.1	0.6
Germany ^a	0.8	1.5	3.0	2.5	-1.6	-1.4	-0.2	0.1	-0.3	-0.2	1.1	1.2	1.8	0.4	-0.6
Italy	1.1	0.7	1.6	1.9	-0.3	-2.9	-1.8	-0.5	1.0	0.3	0.9	1.2	2.0	1.7	1.0
Austria	0.4	1.3	1.6	1.4	0.2	-0.6	-0.1	-	-0.6	0.5	1.0	1.4	0.7	0.7	0.1
Belgium	1.7	1.2	0.9	0.1	-0.5	-0.7	-0.4	0.7	0.4	0.8	1.2	1.4	1.6	1.2	-
Finland	1.0	0.9	-0.5	-5.7	-7.2	-6.3	-1.1	1.6	1.4	3.3	2.1	2.7	2.1	1.1	0.2
Greece	1.3	0.6	0.6	-1.8	1.4	0.8	1.9	0.9	-0.4	-0.6	4.1	-	-0.2	-0.4	0.3
Ireland	0.6	1.0	2.7	-0.3	0.3	1.4	3.2	4.4	3.6	5.6	8.6	6.0	4.7	3.0	1.3
Luxembourg	3.0	3.5	4.1	4.1	2.6	1.9	2.5	2.5	0.6	1.2	2.4	2.3	2.8	5.5	2.6
Netherlands	2.0	2.7	3.0	1.9	1.3	0.3	0.6	2.3	2.3	3.2	2.7	2.6	2.2	1.9	0.3
Portugal	2.5	1.9	1.9	2.8	-1.6	-2.0	-1.0	-0.2	1.6	1.6	2.7	1.8	2.3	1.7	0.7
Spain	3.5	3.6	3.8	1.5	-1.6	-3.0	-0.2	2.2	1.2	2.9	3.6	3.5	3.0	2.6	1.3
Euro area^b	1.3	1.5	2.1	1.3	-0.9	-1.7	-0.3	0.5	0.5	0.8	1.8	1.8	2.1	1.4	0.4
United Kingdom	4.3	2.4	0.3	-3.0	-2.1	-1.5	0.7	1.4	1.2	1.9	1.2	1.4	1.6	1.0	0.7
Denmark	-0.7	-0.7	-0.7	-0.6	-0.8	-1.5	1.4	0.5	0.7	1.2	1.7	1.5	0.8	0.2	0.1
Sweden	1.4	1.5	1.0	-1.5	-4.4	-5.2	-0.9	1.5	-0.9	-1.3	1.5	2.1	2.5	1.9	0.1
European Union^c	1.8	1.6	1.7	0.4	-1.2	-1.7	-0.2	0.7	0.6	0.9	1.7	1.7	2.0	1.3	0.4
Cyprus ^d	4.7	3.9	2.8	0.6	4.5	-0.1	2.4	4.4	1.1	-0.3	1.0	1.4	2.7	2.0	0.3
Iceland ^d	-3.0	-1.5	-1.1	-	-1.6	-0.8	0.8	0.8	2.4	1.6	3.1	3.0	2.2	0.7	-0.7
Israel	3.5	0.5	2.1	6.1	4.2	6.1	6.9	5.2	2.4	1.4	1.6	3.1	4.0	2.0	0.2
Malta ^e	2.5	0.9	0.8	2.5	0.8	0.8	0.8	3.1	1.5	-	-	0.7	0.7	1.5	-
Norway	-0.5	-2.8	-0.8	-0.9	-0.2	0.5	1.4	2.1	2.0	3.0	2.5	0.8	0.4	0.5	0.1
Switzerland	2.6	2.7	3.2	1.8	-1.5	-0.8	-0.3	0.3	0.1	0.1	1.0	0.7	1.2	6.2	0.6
Turkey	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	-1.0	0.2
Western Europe	1.7	1.8	1.7	0.7	-1.1	-1.5	0.2	1.0	0.8	0.5	1.8	1.7	2.0	1.2	0.4
Canada	3.2	2.1	-	-1.8	-0.7	0.8	2.0	1.9	0.8	2.3	2.6	2.8	2.6	1.1	0.3
United States	2.3	2.0	1.3	-0.9	0.7	1.5	2.3	1.5	1.5	2.3	1.5	1.5	1.3	-0.1	-0.5
North America	2.3	2.1	1.1	-1.0	0.5	1.4	2.3	1.5	1.4	2.3	1.6	1.7	1.4	-	-0.5
Japan	1.2	1.5	1.7	2.0	1.1	0.4	0.1	0.1	0.4	1.0	-0.7	-0.8	-0.1	-0.5	-1.2
Total above	1.9	1.8	1.5	0.3	-0.1	-0.2	0.9	1.1	0.9	1.2	1.3	1.3	1.4	0.5	-0.2
<i>Memorandum items:</i>															
4 major west European economies^f	1.7	1.6	1.6	0.5	-1.3	-1.7	-0.3	0.4	0.5	0.5	1.2	1.4	1.9	1.2	0.3
Western Europe and North America	2.0	1.9	1.5	-	-0.4	-0.3	1.1	1.3	1.0	1.3	1.7	1.7	1.8	0.6	-

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

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 Greece, Iceland, Ireland, Luxembourg, Portugal, Spain, Sweden and the United Kingdom (up to 1989) and Turkey (up to 1999). All aggregates exclude Israel.

^a West Germany, 1988-1991.

^b Twelve countries above.

^c Fifteen countries above.

^d Full-time equivalent.

^e Full-time occupied at the end of the year, 1988-1989.

^f France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.10

Standardized unemployment rates^a in western Europe, North America and Japan, 1988-2002
(Per cent of civilian labour force)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France	9.6	9.1	8.6	9.1	10.0	11.3	11.8	11.3	11.9	11.8	11.4	10.7	9.3	8.5	8.6
Germany ^b	6.2	5.6	4.8	4.2	6.4	7.7	8.2	8.0	8.7	9.7	9.1	8.4	7.8	7.7	8.2
Italy	9.7	9.7	8.9	8.5	8.7	10.1	11.0	11.5	11.5	11.6	11.7	11.3	10.4	9.4	9.1
Austria	3.6	3.1	3.2	3.5	3.6	4.0	3.8	3.9	4.4	4.4	4.5	3.9	3.7	3.6	4.0
Belgium	8.8	7.4	6.6	6.4	7.1	8.6	9.8	9.7	9.5	9.2	9.3	8.6	6.9	6.7	6.8
Finland	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	9.1	9.3
Greece	6.8	6.7	6.4	7.1	7.9	8.6	8.9	9.2	9.6	9.8	10.9	11.9	11.1	10.5	10.3
Ireland	16.2	14.7	13.4	14.7	15.4	15.6	14.3	12.3	11.7	9.9	7.5	5.6	4.3	3.9	4.4
Luxembourg	2.0	1.8	1.7	1.6	2.1	2.6	3.2	2.9	2.9	2.7	2.7	2.4	2.3	2.0	2.3
Netherlands	7.2	6.6	5.8	5.5	5.3	6.2	6.8	6.6	6.0	4.9	3.8	3.2	2.9	2.5	2.6
Portugal	5.8	5.2	4.8	4.2	4.3	5.6	6.9	7.3	7.3	6.8	5.1	4.5	4.1	4.1	4.5
Spain	15.9	13.9	13.1	13.2	14.9	18.6	19.8	18.8	18.1	17.0	15.2	12.8	11.3	10.6	11.2
Euro area^c	9.6	8.9	8.2	8.2	9.1	10.1	10.8	10.6	10.8	10.8	10.2	9.4	8.5	8.0	8.3
United Kingdom	8.5	7.1	6.9	8.6	9.8	10.0	9.3	8.5	8.0	6.9	6.2	5.9	5.4	5.0	5.1
Denmark	5.7	6.8	7.2	7.9	8.6	9.6	7.7	6.7	6.3	5.2	4.9	4.8	4.4	4.3	4.5
Sweden	1.8	1.6	1.7	3.1	5.6	9.1	9.4	8.8	9.6	9.9	8.2	6.7	5.6	4.9	5.0
European Union^d	9.1	8.3	7.7	8.2	9.2	10.1	10.5	10.1	10.2	10.0	9.4	8.7	7.8	7.4	7.6
Cyprus ^e	2.8	2.3	1.8	3.0	1.8	2.6	2.7	2.6	3.1	3.4	3.4	3.6	3.4	3.0	3.3
Iceland	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	2.3	3.2
Israel ^f	6.4	8.9	9.6	10.6	11.2	10.0	7.8	6.9	6.7	7.7	8.5	8.9	8.8	9.2	10.7
Malta ^g	4.4	4.1	4.3	4.1	4.5	5.2	4.8	4.2	5.0	5.5	5.6	5.8	5.0	5.1	5.5
Norway	3.0	4.9	5.2	5.5	5.9	6.0	5.4	4.9	4.8	4.0	3.2	3.2	3.4	3.6	3.9
Switzerland	0.6	0.5	0.5	1.9	2.9	3.8	3.7	3.3	3.8	4.0	3.4	2.9	2.5	2.6	3.1
Turkey ^{fh}	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	8.5	10.4
Western Europe	8.3	7.7	7.2	7.3	8.4	9.6	10.0	9.6	9.6	9.4	8.9	8.4	7.5	7.3	7.7
Canada	7.8	7.6	8.1	10.3	11.2	11.4	10.4	9.4	9.6	9.1	8.3	7.6	6.8	7.2	7.7
United States	5.5	5.3	5.5	6.7	7.4	6.8	6.1	5.6	5.4	4.9	4.5	4.2	4.0	4.8	5.8
North America	5.7	5.5	5.8	7.1	7.8	7.3	6.5	6.0	5.8	5.3	4.9	4.5	4.3	5.0	6.0
Japan	2.3	2.3	2.1	2.1	2.2	2.5	2.9	3.1	3.4	3.4	4.1	4.7	4.7	5.0	5.4
Total above	6.4	6.0	5.8	6.4	7.2	7.6	7.6	7.2	7.2	7.0	6.7	6.4	5.9	6.1	6.7
<i>Memorandum items:</i>															
4 major west European economiesⁱ	8.4	7.7	7.1	7.2	8.5	9.5	9.8	9.5	9.8	9.8	9.4	8.9	8.0	7.5	7.7
Western Europe and North America	7.2	6.8	6.6	7.2	8.2	8.6	8.5	8.0	8.0	7.7	7.2	6.7	6.1	6.3	7.0

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

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

^a Eurostat-OECD definition except for Austria (1988-1992), Cyprus, Iceland (1988-1990), Israel, Malta, Switzerland (1988-1990) and Turkey (1988-1999).

^b West Germany, 1988-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Registered unemployment rate, average of monthly data.

^f Definitions comply with ILO guidelines but do not follow the Eurostat-OECD standards.

^g Registered unemployment rate at the end of the year.

^h Definition follows the Eurostat-OECD standards as of 2000.

ⁱ France, Germany, Italy and the United Kingdom.

APPENDIX TABLE A.11

Consumer prices in western Europe, North America and Japan, 1988-2002
(Percentage change over previous year)

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
France	2.7	3.5	3.5	3.2	2.4	2.1	1.7	1.8	2.0	1.2	0.8	0.5	1.7	1.6	1.9
Germany ^a	1.3	2.8	2.7	4.0	5.1	4.4	2.8	1.7	1.4	1.9	0.9	0.6	1.9	2.5	1.3
Italy	5.1	6.3	6.5	6.3	5.3	4.6	4.1	5.2	4.0	2.0	2.0	1.7	2.5	2.8	2.5
Austria	1.9	2.6	3.3	3.3	4.0	3.6	3.0	2.2	1.5	1.3	0.9	0.6	2.3	2.6	1.8
Belgium	1.2	3.1	3.4	3.2	2.4	2.8	2.4	1.5	2.1	1.6	0.9	1.1	2.5	2.5	1.6
Finland	5.1	6.6	6.1	4.3	2.9	2.2	1.1	0.8	0.6	1.2	1.4	1.2	3.0	2.6	1.6
Greece	13.5	13.7	20.4	19.5	15.9	14.4	10.9	8.9	8.2	5.5	4.8	2.6	3.2	3.4	3.6
Ireland	2.1	4.1	3.3	3.2	3.1	1.4	2.4	2.5	1.7	1.4	2.4	1.6	5.6	4.9	4.6
Luxembourg	1.4	3.4	3.3	3.1	3.2	3.6	2.2	1.9	1.3	1.4	1.0	1.0	3.2	2.7	2.1
Netherlands	0.7	1.1	2.4	3.2	3.2	2.6	2.8	1.9	2.0	2.2	2.0	2.2	2.5	4.5	3.5
Portugal	9.7	12.6	13.4	10.5	9.5	6.7	5.4	4.2	3.1	2.3	2.8	2.3	2.9	4.3	3.5
Spain	4.8	6.8	6.7	5.9	5.9	4.6	4.7	4.7	3.6	2.0	1.8	2.3	3.4	3.6	3.0
Euro area^b	2.9	4.2	4.5	4.7	4.6	4.0	3.2	3.0	2.5	1.9	1.4	1.2	2.4	2.7	2.2
United Kingdom	4.9	7.8	9.5	5.9	3.7	1.6	2.5	3.4	2.5	3.1	3.4	1.6	2.9	1.8	1.5
Denmark	4.5	4.8	2.6	2.4	2.1	1.3	2.0	2.1	2.1	2.2	1.8	2.5	2.9	2.4	2.4
Sweden	6.1	6.6	10.4	9.7	2.6	4.7	2.4	2.9	0.8	0.9	0.4	0.3	1.3	2.6	2.2
European Union^c	3.3	4.9	5.5	5.0	4.4	3.5	3.0	3.0	2.5	2.1	1.8	1.3	2.5	2.6	2.0
Cyprus	3.4	3.8	4.5	5.0	6.5	4.9	4.7	2.6	2.9	3.6	2.2	1.7	4.3	2.0	2.8
Iceland	25.7	20.8	15.5	6.8	4.0	4.1	1.6	1.6	2.3	1.8	1.7	3.2	5.1	6.4	5.5
Israel	16.3	20.2	17.2	19.0	12.0	11.0	12.3	10.1	11.3	9.0	5.4	5.2	1.1	1.1	5.7
Malta	0.9	0.9	3.0	2.5	1.6	4.1	4.1	4.0	2.5	3.2	2.2	2.1	2.4	2.9	2.5
Norway	6.7	4.5	4.1	3.4	2.3	2.3	1.4	2.4	1.3	2.6	2.3	2.3	3.1	3.0	1.2
Switzerland	1.9	3.1	5.4	5.9	4.0	3.3	0.9	1.8	0.8	0.5	-	0.8	1.6	1.0	0.6
Turkey	69.4	63.3	60.3	65.8	70.1	66.2	105.2	89.1	80.4	85.7	84.6	64.9	54.9	54.4	45.0
Western Europe	3.4	4.9	5.5	5.0	4.3	3.5	3.0	3.0	2.4	2.0	1.7	1.3	2.4	2.5	2.0
Canada	4.1	5.0	4.8	5.6	1.5	1.9	0.2	2.2	1.6	1.6	1.0	1.7	2.7	2.5	2.1
United States	4.1	4.8	5.4	4.2	3.0	3.0	2.6	2.8	3.0	2.3	1.6	2.2	3.4	2.8	1.6
North America	4.1	4.8	5.4	4.3	2.9	2.9	2.4	2.8	2.9	2.2	1.5	2.2	3.3	2.8	1.6
Japan	0.7	2.3	3.1	3.2	1.7	1.3	0.7	-0.1	0.1	1.7	0.7	-0.3	-0.7	-0.7	-1.0
Total above	3.3	4.4	5.0	4.4	3.3	2.9	2.4	2.5	2.3	2.1	1.5	1.5	2.5	2.3	1.5
<i>Memorandum items:</i>															
4 major west European economies^d	3.1	4.8	5.2	4.7	4.2	3.3	2.7	2.9	2.4	2.1	1.7	1.0	2.3	2.2	1.7
Western Europe and North America	3.8	4.8	5.4	4.6	3.5	3.2	2.6	2.9	2.7	2.2	1.6	1.8	2.9	2.7	1.8

Source: National statistics.

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

^a West Germany, 1988-1991.

^b Twelve countries above.

^c Fifteen countries above.

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

APPENDIX TABLE B.1

Real GDP/NMP in eastern Europe and the CIS, 1980, 1989-2002
(Indices, 1989=100)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe ..	..	100.0	93.4	83.3	78.1	76.9	79.6	84.4	87.9	90.4	92.5	93.9	97.5	100.5	103.4
Albania ..	79.4	100.0	90.0	64.8	60.1	65.9	71.4	80.9	88.2	82.0	88.6	95.0	102.4	109.0	113.9
Bosnia and Herzegovina ..	..	..	..	..	..	..	..	100.0	154.2	210.7	231.6	256.2	267.6	273.7	280.0
Bulgaria ..	76.2	100.0	90.9	83.3	77.2	76.1	77.5	79.7	72.2	68.2	70.9	72.5	76.4	79.5	82.9
Croatia ..	99.0	100.0	92.9	73.3	64.7	59.5	63.0	67.3	71.3	76.2	78.1	77.4	79.6	82.6	86.4
Czech Republic ..	..	100.0	98.8	87.3	86.9	86.9	88.9	94.1	98.2	97.4	96.4	96.9	100.0	103.3	105.8
Estonia ..	74.5	100.0	91.9	82.7	71.0	65.0	63.7	66.4	69.0	75.7	79.2	78.7	84.3	88.6	93.6
Hungary ..	86.3	100.0	96.5	85.0	82.4	81.9	84.4	85.6	86.8	90.7	95.1	99.1	104.3	108.2	111.7
Latvia ..	68.5	100.0	102.9	89.9	61.1	54.1	55.3	54.7	56.8	61.5	64.4	66.3	70.8	76.2	80.6
Lithuania ..	64.7	100.0	96.7	91.2	71.8	60.2	54.3	56.1	58.7	63.0	66.2	63.6	66.0	70.0	74.1
Poland ..	91.1	100.0	88.4	82.2	84.4	87.6	92.1	98.6	104.5	111.7	117.1	121.8	126.7	128.0	129.6
Romania ..	88.5	100.0	94.4	82.2	75.0	76.2	79.2	84.8	88.2	82.8	78.8	77.9	79.3	83.5	87.4
Slovakia ..	..	100.0	97.5	83.3	78.0	75.1	79.0	84.1	89.0	94.0	97.7	99.0	101.2	104.5	108.7
Slovenia ..	98.9	100.0	91.9	83.7	79.1	81.4	85.7	89.3	92.4	96.6	100.3	105.5	110.4	113.6	117.3
The former Yugoslav Republic of Macedonia ..	93.3	100.0	89.8	84.3	78.7	72.8	71.6	70.8	71.6	72.6	75.1	78.4	81.9	78.2	78.5
Yugoslavia ^a ..	95.7	100.0	92.1	81.4	58.7	40.6	41.7	44.2	46.8	50.3	51.5	42.4	45.1	47.6	49.5
CIS^b ..	77.5	100.0	96.9	91.0	78.3	70.7	60.6	57.1	55.2	55.8	54.2	56.6	61.3	65.0	68.0
Armenia ..	73.5	100.0	94.5	83.5	48.6	44.3	46.7	49.9	52.9	54.6	58.6	60.5	64.1	70.3	79.3
Azerbaijan ..	79.6	100.0	88.3	87.7	67.9	52.2	41.9	37.0	37.4	39.6	43.6	46.8	52.0	57.1	63.1
Belarus ..	65.7	100.0	98.1	96.7	87.4	80.8	71.4	63.9	65.7	73.2	79.4	82.1	86.8	91.0	95.2
Georgia ..	79.4	100.0	84.9	67.0	36.9	26.1	23.4	24.0	26.7	29.5	30.3	31.2	31.8	33.3	35.1
Kazakhstan ..	87.0	100.0	99.0	88.2	83.5	75.8	66.2	60.8	61.1	62.1	60.9	62.6	68.7	78.0	85.4
Kyrgyzstan ..	69.1	100.0	104.8	96.5	83.2	70.3	56.2	53.1	56.9	62.5	63.9	66.2	69.8	73.5	73.2
Republic of Moldova ^c ..	72.1	100.0	97.6	80.5	57.2	56.5	39.0	38.5	36.2	36.8	34.4	33.2	34.0	36.0	38.6
Russian Federation ..	78.1	100.0	97.0	92.2	78.8	71.9	62.8	60.2	58.2	58.7	55.9	58.9	64.2	67.4	70.2
Tajikistan ..	80.8	100.0	100.2	91.7	62.1	52.0	40.9	35.8	29.8	30.3	32.0	33.1	35.9	39.5	43.1
Turkmenistan ..	80.7	100.0	101.8	97.0	82.5	83.7	69.2	64.2	68.5	60.7	65.0	76.0	83.6	90.3	98.4
Ukraine ..	75.0	100.0	96.4	88.0	79.3	68.0	52.4	46.0	41.4	40.2	39.4	39.3	41.6	45.4	47.3
Uzbekistan ..	76.0	100.0	99.2	98.7	87.7	85.7	81.2	80.5	81.9	86.1	89.9	93.9	97.6	102.0	106.3
Total above ..	..	100.0	95.8	88.7	78.2	72.5	66.2	65.2	64.9	66.0	65.5	67.6	72.0	75.4	78.4
<i>Memorandum items:</i>															
Baltic states (BS-3) ..	67.8	100.0	97.6	89.2	68.4	59.3	56.4	57.7	60.1	65.0	68.2	67.4	71.1	75.5	79.9
Central Europe (CE-5) ..	..	100.0	93.2	84.0	83.7	85.0	88.5	93.5	97.9	102.4	106.0	109.3	113.6	116.1	118.6
South-east Europe (SEE-7) ..	89.0	100.0	92.9	80.8	70.7	66.8	69.2	74.4	76.6	75.1	74.6	73.1	75.6	79.0	82.4
CIS without Russian Federation (CIS-11) ..	76.4	100.0	96.6	88.8	77.3	68.2	56.1	51.0	49.3	50.1	50.8	52.2	55.6	60.3	63.8
Caucasian CIS countries (CCIS-3) ..	78.6	100.0	87.7	77.7	51.1	39.3	34.3	33.0	34.9	37.3	39.8	41.8	44.7	48.3	52.9
Central Asian CIS countries (CACIS-5) ..	81.9	100.0	99.9	92.5	82.7	76.8	67.5	63.4	64.2	65.2	66.3	69.6	74.9	81.9	87.8
Three European CIS countries (ECIS-3) ..	73.4	100.0	96.7	89.1	79.7	69.6	54.9	48.6	45.2	45.4	45.7	46.1	48.7	52.5	54.8
Former GDR ^d ..	..	100.0	84.5	68.3	73.3	80.1	87.9	91.9	94.9	96.7	97.7	99.0	100.0	99.9	100.0

Source: UNECE Common Database, derived from national and Interstate Statistical Committee of the CIS statistics; *DIW Wochenbericht*, No. 1-2/2003 (Berlin), 2001 for the former GDR since 1998.

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

^a Gross material product (1980-1989 for Croatia, 1980-2000 for Yugoslavia). Yugoslavia: since 1999, without Kosovo and Metohia.

^b Net material product for 1980-1990 (until 1992 in the case of Turkmenistan).

^c Excluding Transdnistria since 1993.

^d Excluding the former east Berlin since 1998.

APPENDIX TABLE B.2

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

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Bulgaria.....	..	100.0	100.6	92.3	89.4	86.2	82.3	80.7	74.1	67.1	69.8	75.9	80.2	83.9
Croatia.....	100.0	87.2	85.3	92.0	106.6	106.5	117.1	117.4	116.1	118.8	121.1
Czech Republic.....	..	100.0	104.9	85.5	88.4	90.2	94.5	97.2	103.7	104.3	101.8	103.7	105.4	108.5
Estonia.....	100.0	101.9	109.0	115.7	122.7	128.1	126.9	133.0	138.4
Hungary.....	92.2	100.0	97.3	92.2	92.8	97.9	95.6	89.3	86.1	88.1	91.7	95.6	99.1	102.6
Latvia.....	100.0	76.7	49.2	46.5	47.4	47.0	50.6	52.4	53.7	55.2	57.9	60.4
Lithuania.....	100.0	108.2	116.4	125.4	122.4	126.8	129.0
Poland.....	108.0	100.0	88.3	94.9	98.2	103.0	107.0	110.5	118.4	125.6	130.8	136.6	140.0	142.3
Romania.....	83.9	100.0	108.9	96.0	90.7	91.8	95.3	105.5	112.9	108.1	109.3	106.5	107.7	113.8
Slovakia.....	..	100.0	103.3	76.9	75.6	74.2	72.6	75.1	83.6	85.8	92.4	92.5	91.6	95.5
Slovenia.....	100.0	91.6	88.8	99.1	102.6	110.2	112.7	116.3	120.9	127.7	129.5	132.2
The former Yugoslav Republic of Macedonia.....	100.0	93.9	84.2	89.7	95.9	94.3	96.5	98.5	101.8	105.6	114.0	..
Armenia.....	100.0	97.4	84.9	66.4	68.9	74.5	76.8	81.7	85.4	86.6	93.3	98.6
Azerbaijan.....	100.0	77.4	62.2	60.4	65.3	72.2	80.4	88.1	96.9	105.6
Belarus.....	100.0	93.5	84.1	78.8	70.0	63.4	65.7	72.3	80.9	87.7	94.2	107.1
Georgia.....	100.0	79.2	77.1	45.4	42.4	46.1	..	..	..	..	..	..
Kazakhstan.....	100.0	96.8	96.2	84.9	67.7	55.0	51.3	51.8	50.4	51.1	52.5	57.6
Kyrgyzstan.....	100.0	83.5	72.8	64.3	51.8	43.4	46.2	42.4	48.8	49.3	47.9	48.6
Republic of Moldova.....	100.0	82.6	90.3	99.7	111.5	109.3	92.0	107.8	112.5
Russian Federation.....	100.0	93.9	89.0	88.1	85.4	83.1	80.5	82.9	81.7	79.7	85.6	90.9
Ukraine.....	100.0	94.7	88.7	72.1	65.1	62.7	57.5	56.4	56.4	54.3	55.4	60.5

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

APPENDIX TABLE B.3

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

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Bulgaria.....	100.0	80.0	74.1	61.2	61.9	71.8	56.6	44.7	60.5	73.1	84.4	101.1
Croatia.....	100.0	88.5	94.5	93.6	108.2	148.8	183.5	188.1	180.8	173.9	190.7
Czech Republic.....	..	100.0	97.9	71.1	82.8	83.0	90.5	108.5	117.3	113.9	114.7	113.5	119.6	128.3
Estonia.....	100.0	106.3	110.6	123.2	144.8	161.1	137.4	155.7	169.9
Hungary.....	114.7	100.0	92.9	83.1	81.0	82.6	92.9	88.9	94.8	103.6	117.3	124.2	133.8	137.9
Latvia.....	100.0	36.1	25.7	21.6	21.8	23.7	29.0	35.0	50.4	48.4	58.0	67.9
Lithuania.....	100.0	117.6	143.6	157.8	147.9	142.2	154.6
Poland.....	124.6	100.0	75.2	71.9	73.6	75.7	82.6	96.2	115.2	140.1	160.0	170.9	175.6	160.2
Romania.....	163.7	100.0	64.4	44.0	48.9	52.9	63.9	68.3	72.2	73.4	69.2	65.9	68.9	73.5
Slovakia.....	100.0	74.8	71.5	67.7	66.0	67.1	87.9	100.4	111.5	90.9	92.0	100.8
Slovenia.....	100.0	88.5	77.1	85.4	97.4	113.8	123.9	138.2	153.9	183.2	183.6	180.2
The former Yugoslav Republic of Macedonia.....	100.0	95.8	79.9	73.6	67.3	74.1	79.0	75.6	73.6	72.5	70.2	..
Armenia.....	100.0	67.0	8.6	7.9	11.5	9.5	10.5	10.7	12.0	12.1	14.0	14.6
Azerbaijan.....	100.0	61.0	115.3	94.5	199.8	333.7	410.5	402.2	412.7	497.7
Belarus.....	100.0	104.2	84.8	78.3	67.6	47.6	46.1	56.2	61.8	59.3	60.7	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	24.3	18.5	19.1	17.8	17.9	20.7	26.0
Kyrgyzstan.....	100.0	89.4	63.2	49.4	35.1	56.4	49.1	34.6	34.0	43.6	55.3	54.3
Republic of Moldova.....	100.0	56.5	50.8	63.8	60.4	66.0	50.8	46.4	54.4
Russian Federation.....	100.0	84.5	49.4	36.7	27.1	25.1	20.8	19.1	17.3	18.2	20.8	22.5
Ukraine.....	100.0	79.1	67.4	46.8	27.6	19.1	14.8	15.1	15.5	15.5	17.4	18.5

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

APPENDIX TABLE B.4

Real gross industrial output in eastern Europe and the CIS, 1980, 1989-2002
(Indices, 1989=100)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe	82.1	100.0	87.6	72.0	60.0	55.7	58.2	62.4	65.7	68.1	68.7	68.2	73.7	76.5	79.2
Albania	77.0	100.0	86.7	50.4	35.2	31.7	25.8	23.9	18.1	18.6	22.7	26.1	29.2	23.4	26.2
Bosnia and Herzegovina	106.0	100.0	101.8	76.9	25.5	2.0	1.7	2.8	5.2	7.0	8.7	9.6	10.5	11.8	12.9
Bulgaria	71.3	100.0	83.2	66.4	54.2	48.8	54.0	56.4	59.3	48.4	44.3	40.0	44.1	43.0	44.5
Croatia	88.7	100.0	88.7	63.4	54.2	51.0	49.6	49.7	51.3	54.8	56.8	56.0	57.0	60.4	63.6
Czech Republic	81.5	100.0	96.6	75.7	69.8	66.1	67.4	73.3	74.8	78.1	79.4	76.9	81.1	86.4	90.6
Estonia	78.5	100.0	100.0	92.8	59.8	48.6	47.1	48.0	49.4	56.6	59.0	57.0	65.3	70.4	73.5
Hungary	92.9	100.0	90.7	74.0	66.8	69.5	76.2	79.7	82.4	91.5	103.0	113.7	135.0	139.7	142.3
Latvia	72.5	100.0	100.8	100.2	65.6	44.6	40.1	38.7	40.8	46.4	47.9	45.3	47.4	51.8	54.6
Lithuania	70.0	100.0	97.4	94.0	65.8	43.2	31.7	33.4	35.0	36.2	39.2	34.8	36.6	42.4	45.6
Poland	86.3	100.0	75.8	69.7	71.7	76.3	85.5	93.8	101.6	113.3	117.3	121.5	129.6	130.0	132.0
Romania	76.9	100.0	81.9	63.3	49.4	50.1	51.7	56.6	60.1	55.8	48.1	47.0	50.3	54.4	57.6
Slovakia	76.7	100.0	94.0	75.9	68.6	66.1	69.3	75.1	76.9	77.9	80.9	78.7	85.5	91.4	96.9
Slovenia	90.3	100.0	89.5	78.4	68.1	66.1	70.4	71.8	72.5	73.2	75.9	75.6	80.2	82.6	84.6
The former Yugoslav Republic of Macedonia	72.1	100.0	89.4	74.0	62.3	53.7	48.0	42.9	44.3	45.0	47.0	45.8	47.4	45.9	43.5
Yugoslavia	80.0	100.0	88.0	72.5	57.0	35.7	36.2	37.6	40.4	44.2	45.8	35.2	39.2	39.2	39.9
CIS	73.6	100.0	99.6	92.7	76.8	66.7	52.0	49.1	47.6	48.6	46.9	51.3	57.3	61.1	64.0
Armenia	76.3	100.0	92.5	85.4	44.2	39.5	41.6	42.2	42.8	43.2	42.3	44.6	47.4	49.2	57.1
Azerbaijan	76.1	100.0	93.7	85.4	59.4	47.7	35.9	28.2	26.3	26.4	27.0	28.0	29.9	31.4	32.6
Belarus	61.1	100.0	102.1	101.1	91.8	83.2	71.0	62.7	64.9	77.1	86.7	95.6	103.0	109.1	113.8
Georgia	70.6	100.0	94.3	73.0	39.6	25.0	15.2	13.2	14.1	15.2	15.0	16.1	17.8	16.9	17.4
Kazakhstan	72.4	100.0	99.2	98.3	84.7	72.2	51.9	47.7	47.8	49.7	48.5	49.8	57.5	65.3	71.7
Kyrgyzstan	66.7	100.0	99.4	99.1	73.5	56.3	35.5	26.7	27.8	38.8	40.9	39.1	41.4	43.7	38.0
Republic of Moldova	68.7	100.0	103.2	91.7	66.9	67.1	48.5	46.6	43.6	43.6	37.0	32.7	35.3	40.1	44.3
Russian Federation	74.4	100.0	99.9	91.9	75.4	64.7	51.2	49.5	47.5	48.5	46.0	51.0	57.1	59.9	62.1
Tajikistan	72.9	100.0	101.2	97.6	73.9	68.1	50.8	43.9	33.4	32.7	35.4	37.4	41.1	47.2	51.1
Turkmenistan	75.4	100.0	103.2	108.2	92.0	95.7	72.1	67.5	81.0	63.1	64.4	74.1	84.4	93.7	103.1
Ukraine	72.6	100.0	99.9	95.1	89.0	81.9	59.5	52.4	49.7	49.6	49.1	51.0	57.8	66.0	70.6
Uzbekistan	68.5	100.0	101.8	103.3	96.4	99.9	101.5	101.6	104.2	108.5	112.4	118.8	125.8	135.4	146.2
Total above	76.3	100.0	95.9	86.3	71.6	63.3	53.9	53.2	53.2	54.6	53.7	56.5	62.4	65.9	68.7
<i>Memorandum items:</i>															
Baltic states	71.8	100.0	98.5	95.2	64.9	44.3	35.9	36.7	38.5	41.5	44.1	40.4	43.3	48.7	51.8
Central Europe	84.9	100.0	87.1	73.4	69.9	70.4	75.9	82.1	86.1	93.0	96.9	98.9	107.2	110.4	113.5
South-east Europe	80.8	100.0	86.3	66.7	48.7	41.6	42.7	45.4	48.1	45.7	42.4	39.8	42.8	44.7	46.8
CIS without Russian Federation	71.7	100.0	99.0	94.7	80.4	71.7	53.9	48.0	47.6	48.7	49.3	51.9	57.9	64.2	68.7
Caucasian CIS countries	74.4	100.0	93.8	81.4	51.5	39.6	29.9	24.8	24.1	24.5	24.7	25.8	27.8	28.6	30.2
Central Asian CIS countries	72.0	100.0	100.1	100.1	85.1	76.1	57.2	52.7	54.4	54.5	54.5	57.2	64.5	72.0	78.0
Three European CIS countries	70.3	100.0	100.4	96.1	88.8	81.6	61.3	54.1	52.4	54.5	55.7	58.7	65.5	73.2	77.8
Former GDR	75.2	100.0	72.7	37.0	34.7	34.9	38.1	39.9	41.7	44.6	48.2	51.7	57.2	59.4	..

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

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

APPENDIX TABLE B.5

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

	1980	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe ^a	95.1	99.9	100.0	97.2	93.0	87.7	84.7	84.2	83.7	86.8	87.8	88.3	86.7	85.4	84.9
Albania	77.9	97.6	100.0	99.2	97.5	76.0	72.7	80.7	80.4	77.5	76.9	75.4	74.0	74.2	72.3
Bosnia and Herzegovina .....	..	..	..	..	100.0	38.0	17.0	15.7	17.4	38.8	59.2	62.7	64.6	65.1	64.6
Bulgaria	100.0	102.4	100.0	93.9	81.6	75.0	73.8	74.3	75.2	75.3	72.3	72.2	70.7	68.3	67.4
Croatia	87.4	100.4	100.0	97.1	89.2	79.3	76.6	74.8	73.9	74.5	73.9	86.0	85.1	82.9	82.4
Czech Republic	95.3	99.4	100.0	99.1	93.6	91.2	89.7	90.4	92.8	93.4	91.6	90.4	88.1	86.3	85.4
Estonia .....	..	97.6	100.0	98.6	96.3	90.9	83.4	80.6	75.6	73.9	73.7	72.4	69.1	68.3	68.9
Hungary ^b	104.2	100.7	100.0	96.7	86.7	78.1	73.2	71.8	70.4	69.8	69.8	70.7	72.9	73.6	73.8
Latvia	97.0	100.5	100.0	100.1	99.3	92.0	85.6	77.0	74.3	67.5	70.4	70.1	68.8	66.9	68.4
Lithuania	93.4	99.8	100.0	97.3	99.7	97.5	93.4	88.0	86.4	87.2	87.7	87.0	86.6	83.3	80.0
Poland	102.0	100.1	100.0	95.8	90.1	86.3	84.3	85.1	86.7	88.3	90.8	92.9	90.4	88.3	87.8
Romania ^c	94.6	98.7	100.0	99.0	98.5	95.5	91.9	91.5	86.7	99.9	101.0	99.1	98.4	98.3	97.7
Slovakia ^d	90.8	99.8	100.0	98.2	85.9	86.8	87.7	84.0	85.7	88.6	88.1	87.8	85.1	83.9	84.8
Slovenia ^e	84.0	101.3	100.0	96.1	88.7	83.8	81.3	79.3	79.1	78.7	78.6	78.7	80.2	81.2	82.3
The former Yugoslav Republic of Macedonia	81.2	99.7	100.0	98.2	90.7	86.4	81.5	76.6	69.0	65.8	61.8	60.1	61.1	60.3	57.7
Yugoslavia	83.4	99.8	100.0	97.0	94.1	90.9	88.3	86.5	85.3	84.8	89.9	89.7	82.4	80.2	80.4
CIS	93.8	98.8	100.0	100.2	98.8	96.6	94.2	91.4	90.2	89.7	88.6	87.3	87.0	..	..
Armenia	86.6	101.4	100.0	102.4	105.0	99.2	97.0	93.5	92.8	90.2	86.2	84.0	81.6	80.3	79.5
Azerbaijan	62.7	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	101.2
Belarus	95.4	99.5	100.0	99.1	96.6	94.1	92.9	90.4	84.8	84.0	84.1	85.0	85.5	85.4	85.0
Georgia	92.7	101.1	100.0	102.3	93.3	73.5	66.4	64.8	64.1	75.4	82.7	64.1	64.2	64.8	66.2
Kazakhstan	86.2	96.0	100.0	101.3	100.1	98.3	89.9	85.4	85.0	84.6	84.0	79.5	79.2	80.5	82.6
Kyrgyzstan	81.9	98.7	100.0	100.5	99.6	105.6	96.6	94.6	94.4	95.0	97.1	98.0	101.5	101.7	102.8
Republic of Moldova ^f	97.3	98.9	100.0	99.1	99.0	98.0	80.7	80.4	80.0	79.4	78.7	78.5	71.5	72.5	71.7
Russian Federation	96.9	99.9	100.0	99.6	97.7	95.3	93.7	90.6	87.8	87.2	85.6	84.4	84.6	85.1	85.3
Tajikistan	76.7	96.9	100.0	103.2	104.9	101.6	98.7	98.7	98.6	92.1	95.3	95.6	92.5	92.9	97.3
Turkmenistan	79.8	101.2	100.0	103.4	107.0	110.5	114.0	118.5	122.5	124.7	127.2	128.8	133.6	..	..
Ukraine	99.7	100.0	100.0	100.0	98.3	96.4	94.2	90.6	93.3	91.4	88.9	87.9	85.9	83.7	82.4
Uzbekistan	75.4	95.9	100.0	104.2	108.3	108.5	108.3	109.9	110.8	112.3	113.8	115.4	116.5	117.8	119.8
Total above ^a	94.2	99.1	100.0	99.3	97.1	94.0	91.4	89.3	88.3	88.9	88.4	87.6	86.9	..	..
<i>Memorandum items:</i>															
Baltic states	75.8	99.6	100.0	98.5	98.9	94.3	88.8	82.8	80.1	77.8	79.0	78.3	77.0	74.7	73.8
Central Europe	99.7	100.1	100.0	96.7	89.8	85.8	83.6	83.5	84.7	85.8	86.8	87.9	86.3	84.9	84.6
South-east Europe ^a	92.3	99.7	100.0	97.6	96.5	89.2	85.6	85.5	82.9	89.9	90.9	90.8	89.2	88.2	87.5
CIS without Russian Federation	89.9	97.4	100.0	101.0	100.3	98.1	94.8	92.4	93.2	92.8	92.3	90.8	89.9	..	..
Caucasian CIS countries	77.6	89.2	100.0	101.7	99.5	91.5	88.6	86.3	85.7	89.9	91.7	85.0	84.6	84.5	85.0
Central Asian CIS countries	80.5	96.7	100.0	102.6	104.0	103.9	99.9	98.9	99.4	99.3	100.4	99.5	100.1	..	..
Three European CIS countries	98.8	99.8	100.0	99.8	98.1	96.1	93.1	89.9	91.1	89.4	87.5	86.8	84.9	83.2	82.1

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

^a Up to 1990, excluding Bosnia and Herzegovina.

^b End of year, up to 1992; since 1992, annual average.

^c End of year, up to 1996; since 1996, annual average, labour force survey data.

^d End of year, up to 1993; since 1993, annual average.

^e Self-employed excluded until 1987.

^f Excluding Transnistria since 1993.

APPENDIX TABLE B.6

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe^a	100.0	95.6	88.0	78.7	73.7	71.4	69.7	70.5	69.7	68.6	64.9	62.1	61.0
Albania .....	..	..	..	..	..	100.0	85.6	76.9	79.8	75.6	74.1	52.6	66.6
Bosnia and Herzegovina .....	..	..	100.0	38.7	13.7	15.2	31.1	36.5	44.5	47.9	48.0	48.0	46.1
Bulgaria	100.0	91.0	74.7	64.8	59.5	57.3	56.0	55.4	53.0	50.8	46.1	43.5	41.7
Croatia	100.0	102.4	84.8	70.3	70.4	67.3	59.5	59.0	56.6	60.0	58.3	56.7	55.9
Czech Republic	100.0	95.8	92.2	85.1	80.9	76.6	77.0	76.4	76.1	74.9	72.5	70.6	72.1
Estonia	100.0	99.0	94.8	87.0	73.6	69.5	74.2	70.3	65.2	63.7	59.9	61.5	61.5
Hungary	100.0	97.0	85.4	77.3	69.1	66.0	62.5	61.9	63.0	65.9	66.4	65.6	66.8
Latvia	100.0	97.0	92.1	81.4	69.0	56.3	53.1	51.1	50.9	51.6	47.9	47.9	46.2
Lithuania	100.0	96.7	99.0	91.4	78.0	64.5	59.5	57.0	57.1	56.5	55.7	54.6	53.0
Poland	100.0	93.7	86.1	76.7	74.4	73.8	76.2	75.6	75.8	75.0	69.5	65.3	62.8
Romania ^b	100.0	96.5	91.6	79.5	73.0	69.4	65.4	71.7	69.9	66.3	62.0	58.1	57.2
Slovakia	100.0	95.7	88.2	78.7	74.0	71.7	71.6	71.6	70.2	67.3	65.4	63.3	63.9
Slovenia	100.0	95.1	85.2	84.6	78.1	75.1	72.2	71.5	68.5	67.8	66.7	66.3	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	56.6
Yugoslavia	100.0	100.9	92.1	87.2	85.0	82.7	80.6	78.8	76.3	77.8	70.5	67.1	64.8
CIS	100.0	100.0	98.3	93.3	89.4	80.4	74.3	70.3	64.6	62.3	61.5	..	..
Armenia	100.0	102.6	95.0	84.0	75.2	73.7	62.8	52.9	47.5	43.4	40.5	37.3	35.2
Azerbaijan	100.0	97.1	94.9	88.9	81.1	77.4	72.9	58.6	50.1	52.0	53.6	51.6	51.1
Belarus	100.0	98.6	96.9	92.1	88.5	84.4	75.2	74.4	74.5	75.5	76.2	75.9	75.0
Georgia	100.0	104.2	92.6	66.0	56.5	51.6	46.8	33.6	25.8	28.1	25.7	25.9	..
Kazakhstan	100.0	98.5	99.9	96.2	83.6	76.9	69.6	66.9	59.0	57.8	57.9	54.7	53.1
Kyrgyzstan	100.0	99.9	92.7	89.5	80.5	72.0	61.2	54.6	51.2	50.1	47.4	44.0	42.2
Republic of Moldova ^c	100.0	102.4	95.1	93.1	55.0	52.1	44.7	43.8	42.9	40.8	35.9	36.1	37.0
Russian Federation	100.0	100.7	98.9	94.1	91.8	82.0	75.7	72.2	65.8	62.5	63.1	64.2	64.8
Tajikistan	100.0	102.5	100.8	98.2	86.1	81.9	71.9	71.1	62.5	60.1	52.2	47.7	48.2
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	51.3	49.4
Uzbekistan	100.0	101.5	99.6	96.9	98.6	90.1	92.3	93.5	93.7	94.1	94.9	96.7	98.0
Total above^a	100.0	98.6	94.9	88.5	84.1	77.4	72.9	70.6	66.5	64.6	62.8	..	..
<i>Memorandum items:</i>													
Baltic states	100.0	97.2	95.9	87.3	74.2	62.8	60.3	57.7	56.7	56.3	54.0	53.8	52.5
Central Europe	100.0	94.9	87.5	79.1	75.1	73.0	73.6	73.1	73.1	72.6	69.2	66.4	65.7
South-east Europe^a	100.0	96.4	91.1	78.3	72.3	70.7	67.5	70.4	68.6	66.7	62.2	58.6	57.5
CIS without Russian Federation	100.0	99.1	97.3	92.1	85.7	78.1	72.0	67.5	62.9	62.0	59.1	..	..
Caucasian CIS countries	100.0	101.4	94.1	79.2	70.4	67.0	60.3	47.8	40.6	40.7	39.4	37.8	..
Central Asian CIS countries	100.0	100.2	99.2	96.1	89.7	82.8	78.7	77.4	73.5	73.6	73.2	..	..
Three European CIS countries	100.0	98.4	97.2	92.6	86.6	78.1	71.5	67.0	62.5	61.1	57.1	54.6	52.9

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

^a Up to 1993, excluding Albania; up to 1990, excluding Bosnia and Herzegovina.

^b End of year, up to 1996; since 1996, annual average, labour force survey data.

^c Excluding Transdniestria since 1993.

APPENDIX TABLE B.7

Registered unemployment in eastern Europe and the CIS, 1990-2002
(Per cent of labour force, end of period)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe .....	..	..	11.7	13.4	13.1	12.3	11.7	11.5	12.3	14.3	14.8	15.3	..
Albania	9.5	9.2	27.0	22.0	18.0	12.9	12.3	14.9	17.6	18.2	16.9	14.5	..
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	39.0	38.7	39.0	39.4	39.9	..
Bulgaria	1.8	11.1	15.3	16.4	12.8	11.1	12.5	13.7	12.2	16.0	17.9	17.9	16.3
Croatia .....	..	14.1	17.8	16.6	17.3	17.6	15.9	17.6	18.6	20.8	22.6	23.1	21.5
Czech Republic	0.7	4.1	2.6	3.5	3.2	2.9	3.5	5.2	7.5	9.4	8.8	8.9	9.8
Estonia ^a .....	..	..	1.6	5.0	5.1	5.0	5.6	4.6	5.1	6.7	7.7	7.7	6.8
Hungary	1.7	7.4	12.3	12.1	10.9	10.4	10.5	10.4	9.1	9.6	8.9	8.0	..
Latvia .....	..	..	2.3	5.8	6.5	6.6	7.2	7.0	9.2	9.1	7.8	7.7	7.6
Lithuania .....	..	..	3.5	3.4	4.5	7.3	6.2	6.7	6.9	10.0	12.6	12.9	10.9
Poland	6.5	12.2	14.3	16.4	16.0	14.9	13.2	10.3	10.4	13.1	15.1	17.5	18.1
Romania	1.3	3.0	8.2	10.4	10.9	9.5	6.6	8.8	10.3	11.5	10.5	8.8	8.1
Slovakia	1.6	11.8	10.4	14.4	14.8	13.1	12.8	12.5	15.6	19.2	17.9	18.6	17.5
Slovenia .....	..	10.1	13.3	15.5	14.2	14.5	14.4	14.8	14.6	13.0	12.0	11.8	..
The former Yugoslav													
Republic of Macedonia .....	..	24.5	26.2	27.7	30.0	36.6	38.8	41.7	41.4	44*	45*	42*	..
Yugoslavia ^b .....	..	21.0	24.6	24.0	23.9	24.7	26.1	25.6	27.2	27.4	26.6	27.9	..
CIS .....	..	..	2.7	3.8	4.6	5.8	6.6	7.6	9.0	8.3	7.1	6.2	5.6
Armenia .....	..	..	3.5	6.3	6.0	8.1	9.7	11.0	8.9	11.5	10.9	9.8	9.1
Azerbaijan .....	..	..	0.2	0.7	0.9	1.1	1.1	1.3	1.4	1.2	1.2	1.3	1.3
Belarus .....	..	..	0.5	1.3	2.1	2.7	4.0	2.8	2.3	2.0	2.1	2.3	3.0
Georgia .....	..	..	0.3	2.0	3.8	3.4	3.2	8.0	4.2	5.6	..	..	..
Kazakhstan .....	..	..	0.4	0.6	1.0	2.1	4.1	3.9	3.7	3.9	3.7	2.8	2.6
Kyrgyzstan .....	..	..	0.1	0.2	0.8	3.0	4.5	3.1	3.1	3.0	3.1	3.1	3.1
Republic of Moldova .....	..	..	0.7	0.7	1.0	1.4	1.5	1.7	1.9	2.1	1.8	1.7	1.5
Russian Federation ^c .....	..	..	5.2	6.1	7.8	9.0	10.0	11.2	13.3	12.2	9.8	8.7	7.1
Tajikistan .....	..	..	0.4	1.1	1.8	1.8	2.4	2.8	2.9	3.1	3.0	2.6	2.7
Turkmenistan .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine .....	..	..	0.3	0.4	0.3	0.6	1.5	2.8	4.3	4.3	4.2	3.7	3.8
Uzbekistan .....	..	..	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.6	..	..
<i>Memorandum items:</i>													
Baltic states .....	..	..	2.1	4.5	5.3	6.6	6.4	6.4	7.3	9.1	10.1	10.2	9.1
Central Europe .....	..	9.7	11.3	13.3	12.9	12.0	11.2	9.8	10.3	12.5	13.4	14.7	..
South-east Europe .....	..	9.3	14.2	15.1	14.6	13.6	13.3	15.0	16.1	17.8	17.8	17.2	..
Russian Federation ^d .....	..	..	0.8	1.1	2.1	3.2	3.4	2.8	2.7	1.7	1.4	1.6	1.8
Former-GDR .....	..	..	13.5	15.4	13.5	14.9	15.9	19.4	17.4	17.7	17.2	17.6	18.4

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

Note: Aggregates for eastern European countries until 1997 exclude Bosnia and Herzegovina.

^a Job seekers until October 2000, thereafter – registered unemployed as percentage of the labour force.

^b Since 1999, excluding Kosovo and Metohia.

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

^d Registered unemployment.

APPENDIX TABLE B.8

Consumer price indices in eastern Europe and the CIS, 1990-2002
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Albania .....	..	35.5	193.1	85.0	21.5	8.0	12.7	33.1	20.3	-0.1	-	3.1	5.3
Bosnia and Herzegovina	594.0	116.2	64 218.3	38 825.1	553.5	-12.1	-21.2	11.8	4.9	-0.6	1.7	1.8	..
Bulgaria	23.8	338.5	91.3	72.9	96.2	62.0	121.7	1 058.3	18.7	2.6	10.2	7.3	5.8
Croatia	597.1	124.2	663.6	1 516.6	97.5	2.0	3.6	3.7	5.2	3.5	5.4	4.7	1.8
Czech Republic	9.9	56.7	11.1	20.8	10.0	9.1	8.9	8.4	10.6	2.1	3.9	4.7	1.8
Estonia	18.0	202.0	1 078.2	89.6	47.9	28.9	23.1	11.1	10.6	3.5	3.9	5.8	3.5
Hungary	28.9	35.0	23.0	22.6	19.1	28.5	23.6	18.4	14.2	10.1	9.9	9.2	5.4
Latvia	10.9	172.2	951.2	109.1	35.7	25.0	17.7	8.5	4.7	2.4	2.8	2.4	1.9
Lithuania	9.1	216.4	1 020.5	410.1	72.0	39.5	24.7	8.8	5.1	0.8	1.0	1.5	0.4
Poland	585.8	70.3	45.3	36.9	33.2	28.1	19.8	15.1	11.7	7.4	10.2	5.5	1.9
Romania	5.1	170.2	210.7	256.2	137.1	32.2	38.8	154.9	59.3	45.9	45.7	34.5	22.5
Slovakia	10.4	61.2	10.2	23.1	13.4	10.0	6.1	6.1	6.7	10.5	12.0	7.0	3.3
Slovenia	551.6	115.0	207.3	31.7	21.0	13.5	9.9	8.4	8.1	6.3	9.0	8.6	7.6
The former Yugoslav													
Republic of Macedonia	596.6	110.8	1 511.0	352.0	126.6	16.4	2.5	0.9	-1.4	-1.3	6.6	5.2	..
Yugoslavia	580.0	122.0	8 926.0	2.2E+14	7.9E+10	71.8	90.5	23.2	30.4	44.1	77.5	90.4	19.3
Armenia	6.9	174.1	728.7	3 731.8	4 964.0	175.5	18.7	13.8	8.7	0.7	-0.8	3.2	1.0
Azerbaijan	6.1	106.6	912.6	1 129.7	1 663.9	411.5	19.8	3.6	-0.8	-8.6	1.8	1.5	2.8
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	61.4	42.8
Georgia	4.2	78.7	1 176.9	4 084.9	22 286.1	261.4	39.4	7.1	3.5	19.3	4.2	4.6	5.7
Kazakhstan	5.6	114.5	1 504.3	1 662.7	1 880.1	176.3	39.2	17.5	7.3	8.4	13.4	8.5	6.0
Kyrgyzstan	5.5	113.9	854.6	1 208.7	278.1	42.9	31.3	23.4	10.3	35.7	18.7	7.0	2.1
Republic of Moldova	5.7	114.4	1 308.0	1 751.0	486.4	29.9	23.5	11.8	7.7	39.3	31.3	9.8	5.3
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	21.6	16.0
Tajikistan	5.9	112.9	822.0	2 884.8	350.3	682.1	422.4	85.4	43.1	27.5	32.9	38.6	12.2
Turkmenistan	5.7	88.5	483.2	3 128.4	2 562.1	1 105.3	714.0	83.7	16.8	..	..	..	..
Ukraine	5.4	94.0	1 485.8	4 734.9	891.2	376.7	80.2	15.9	10.6	22.7	28.2	12.0	0.8
Uzbekistan	5.8	97.3	414.5	1 231.8	1 550.0	76.5	54.0	58.8	17.7	29.0	24.9	..	..

Source: UNECE Common Database, derived from national statistics.

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

APPENDIX TABLE B.9

Producer price indices in eastern Europe and the CIS, 1990-2002
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Albania .....	..	..	..	..	..	..	..	..	..	..	..	..	..
Bosnia and Herzegovina .....	..	129.5	70 374.7	10 967.6	1 184.8	68.7	-4.8	3.2	3.6	4.3	0.9	2.3	..
Bulgaria	14.7	296.4	56.1	28.3	59.1	48.9	129.7	888.1	19.9	3.3	17.0	4.5	..
Croatia	455.3	146.3	826.0	1 510.4	77.7	0.8	1.3	3.7	-1.5	2.5	9.6	3.4	-0.5
Czech Republic	2.5	70.4	10.8	9.3	5.1	7.7	4.9	5.1	4.9	1.1	5.1	3.0	-1.0
Estonia	19.3	208.4	1 208.0	75.2	36.1	25.5	14.7	8.8	4.1	-1.3	4.9	4.5	0.8
Hungary	22.0	32.6	12.3	14.1	12.3	28.5	22.3	20.9	11.4	5.0	11.4	5.7	..
Latvia .....	..	192.0	1 310.0	117.1	17.0	12.0	13.8	4.3	2.0	-4.0	0.8	1.6	1.0
Lithuania .....	..	148.2	1 510.0	391.7	44.7	28.7	16.5	5.0	-4.6	3.3	17.8	-1.5	-0.7
Poland	622.4	40.9	28.0	32.6	31.0	26.0	13.4	12.2	7.2	5.7	7.8	1.7	1.1
Romania	26.9	220.1	184.8	165.0	140.7	35.3	50.0	144.0	33.2	41.2	53.4	41.0	..
Slovakia	5.2	68.9	5.3	17.0	10.0	9.1	4.0	4.6	3.3	3.7	9.8	5.9	2.0
Slovenia	390.4	124.1	215.7	23.3	17.8	12.4	6.7	6.1	6.0	2.2	7.7	9.0	5.3
The former Yugoslav													
Republic of Macedonia	394.0	112.0	2 193.5	258.6	88.6	4.7	-	4.0	3.5	-0.1	9.1	2.8	..
Yugoslavia	468.0	124.0	8 993.0	1.4E+13	7.9E+10	75.7	88.8	20.6	25.9	43.3	105.4	84.4	10.9
Armenia	2.0	120.0	947.0	892.0	4 394.4	187.8	36.3	21.7	6.0	4.1	-0.4	1.1	..
Azerbaijan .....	..	179.5	7 453.6	1 974.0	3 971.6	1 340.1	70.6	11.4	-5.5	-1.3	9.4	-2.6	3.3
Belarus	2.1	151.1	1 939.2	1 536.3	3 362.1	538.6	35.7	89.4	72.8	355.7	185.6	71.8	40.8
Georgia .....	..	..	..	..	..	..	..	..	2.2	15.5	5.8	3.6	..
Kazakhstan .....	..	193.0	2 465.1	1 042.8	2 918.5	139.7	23.8	15.6	0.8	19.0	38.0	0.4	0.3
Kyrgyzstan .....	..	160.0	1 664.0	831.0	72.9	34.0	29.1	34.8	12.7	51.7	31.7	12.1	5.7
Republic of Moldova .....	..	130.0	1 210.9	1 078.5	711.7	52.2	30.2	14.9	9.7	47.1	33.6	12.6	..
Russian Federation	3.9	240.0	3 280.0	900.0	340.0	237.6	50.8	15.0	7.0	59.1	46.5	19.1	11.6
Tajikistan .....	..	163.0	1 316.5	1 080.0	665.5	351.7	340.7	103.7	28.4	45.6	39.0	25.1	9.0
Turkmenistan .....	..	211.0	994.0	1 610.0	911.0	296.5	2 974.9	260.6	-30.5	..	..	..	..
Ukraine .....	..	163.4	4 128.5	9 667.5	1 134.5	488.9	52.1	7.8	13.2	31.1	20.8	8.6	3.1
Uzbekistan .....	..	147.0	1 296.0	1 119.0	2 162.6	792.5	128.5	53.9	40.0	38.0	61.1	..	..

Source: UNECE Common Database, derived from national statistics.

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

APPENDIX TABLE B.10

Nominal gross wages in industry in eastern Europe and the CIS, 1990-2001
(Annual average, percentage change over preceding year)^a

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Albania ^b .....	..	..	145.3	73.0	54.9	34.1	34.8	10.7	20.4	10.4	17.7	10.9
Bosnia and Herzegovina ^c .....	..	..	..	..	..	..	253.6	50.8	31.1	15.4	12.1	..
Bulgaria	20.8	175.5	132.8	55.1	53.9	57.7	90.4	882.9	34.5	..	..	..
Croatia ^c	453.7	40.7	466.7	1 444.1	130.5	44.0	11.8	16.3	10.6	10.1	7.9	7.7
Czech Republic	3.0	16.5	21.0	22.6	16.9	18.3	17.7	11.9	10.7	6.7	7.2	7.0
Estonia ^d .....	..	122.2	570.3	93.3	71.3	34.6	23.8	19.7	13.2	0.9	..	..
Hungary ^b	27.2	33.4	24.3	24.9	23.3	19.1	21.7	21.8	16.6	13.5	15.0	14.4
Latvia .....	..	104.5	609.8	112.0	60.0	24.1	14.9	21.6	6.5	4.0	3.2	5.1
Lithuania	15.3	183.9	632.5	246.1	70.0	43.2	34.0	21.7	12.0	-0.4	-0.7	..
Poland ^c	365.5	64.0	41.2	37.8	39.8	30.1	25.8	19.9	14.1	35.7	9.6	6.8
Romania ^c	9.7	125.0	173.5	210.7	139.4	55.3	56.7	99.5	49.3	40.7	48.9	..
Slovakia ^b	2.4	17.2	16.9	23.1	17.7	15.2	14.6	9.3	9.7	7.9	9.3	10.2
Slovenia	361.5	68.4	196.7	45.1	27.1	17.1	14.0	12.1	10.7	9.3	11.6	10.9
The former Yugoslav Republic of Macedonia ^c	433.6	79.2	1 083.7	454.0	105.8	11.1	3.6	2.3	3.1	1.5	6.2	..
Yugoslavia ^c	400.0	100.6	4 886.4	-62.5	229.6	74.1	74.5	41.7	39.6	24.6	113.5	..
Amenia	5.9	31.8	352.3	739.1	3 640.2	210.9	62.3	41.7	20.5	15.2	19.5	22.3
Azerbaijan	4.4	82.9	870.4	700.8	575.7	354.8	53.0	58.2	19.8	18.1	33.3	..
Belarus	14.1	112.1	910.9	1 073.8	69.6	618.7	58.5	96.8	109.4	323.9	197.1	101.8
Georgia	6.0	33.9	457.3	2 117.2	23 300.5	112.6	145.4	12.7	26.8	23.2	..	..
Kazakhstan	11.0	80.5	1 053.1	993.1	1 542.5	178.2	30.9	22.5	7.8	21.6	26.1	15.5
Kyrgyzstan	0.5	62.1	773.1	615.1	176.3	54.8	29.1	60.3	20.0	43.2	2.4	18.8
Republic of Moldova	14.2	90.1	815.0	773.0	284.4	43.8	32.2	24.9	16.6	22.5	31.8	20.9
Russian Federation	13.0	94.9	1 065.7	798.2	260.2	131.4	64.3	21.6	14.3	52.2	48.8	52.0
Tajikistan	8.0	76.2	550.2	917.5	142.2	145.2	425.3	71.9	96.4	26.4	31.5	51.1
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	42.7	35.2
Uzbekistan .....	..	82.3	706.1	1 159.3	806.8	278.4	99.8	76.3	60.3	50.0	..	..

Source: UNECE Common Database, derived from national statistics.

^a Calculated from reported annual average wages.

^b Gross wages in total economy. For Hungary for 1990-1992; for Slovakia for 1990-1991.

^c Net wages in industry. For Poland and Romania for 1990-1992.

^d Manufacturing for 1991-1993.

APPENDIX TABLE B.11

Merchandise exports of eastern Europe and the CIS, 1992-2001
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe	61.472	66.872	77.261	100.621	107.084	115.895	127.933	125.523	141.892	157.131
Albania	0.072	0.123	0.139	0.202	0.213	0.137	0.207	0.352	0.260	0.305
Bosnia and Herzegovina .....	..	..	..	0.024	0.058	0.193	0.352	0.518	0.675	0.799
Bulgaria	3.992	3.769	3.935	5.345	4.890	4.940	4.194	4.006	4.825	5.113
Croatia	4.353	3.709	4.260	4.633	4.512	4.171	4.541	4.302	4.432	4.666
Czech Republic	8.767	14.463	15.882	21.273	22.180	22.779	26.351	26.265	29.052	33.369
Estonia	0.444	0.802	1.305	1.838	2.079	2.934	3.236	2.938	3.176	3.305
Hungary	10.681	8.921	10.701	12.867	15.704	19.100	23.005	25.012	28.092	30.498
Latvia	0.843	1.401	0.988	1.304	1.443	1.673	1.812	1.723	1.865	2.001
Lithuania	0.852	1.994	2.031	2.705	3.355	3.860	3.711	3.004	3.809	4.583
Poland	13.187	14.202	17.240	22.887	24.440	25.756	28.229	27.407	31.651	36.092
Romania	4.363	4.892	6.151	7.910	8.085	8.431	8.302	8.487	10.367	11.385
Slovakia	3.500	5.458	6.714	8.585	8.822	9.640	10.775	10.277	11.908	12.704
Slovenia	6.681	6.083	6.828	8.316	8.310	8.369	9.050	8.546	8.732	9.252
The former Yugoslav Republic of Macedonia	1.199	1.055	1.086	1.204	1.147	1.237	1.311	1.191	1.319	1.155
Yugoslavia	2.539	..	..	1.531	1.846	2.677	2.858	1.493	1.730	1.903
CIS: total .....	..	..	89.991	110.622	121.936	122.913	104.716	104.179	143.691	143.474*
CIS: non-CIS	51.242	52.547	62.652	80.007	87.897	88.698	76.757	82.346	114.949	113.613*
Armenia .....	..	0.156	0.216	0.271	0.290	0.233	0.221	0.232	0.301	0.339
Non-CIS	0.026	0.029	0.058	0.101	0.162	0.138	0.140	0.175	0.227	0.252
Azerbaijan	1.484	0.725	0.653	0.637	0.631	0.781	0.606	0.929	1.745	2.314
Non-CIS	0.754	0.351	0.378	0.352	0.341	0.403	0.374	0.718	1.510	2.091
Belarus .....	..	..	2.510	4.707	5.652	7.301	7.070	5.909	7.331	7.428
Non-CIS	1.194	0.789	1.031	1.777	1.888	1.922	1.910	2.287	2.927	2.956
Georgia .....	..	..	0.156	0.154	0.199	0.240	0.193	0.238	0.330	0.320
Non-CIS	0.068	0.069	0.039	0.057	0.070	0.102	0.085	0.131	0.198	0.176
Kazakhstan .....	..	..	3.231	5.250	5.911	6.497	5.436	5.592	9.126	8.647
Non-CIS	1.398	1.501	1.357	2.366	2.732	3.515	3.266	4.100	6.750	6.015
Kyrgyzstan	0.317	0.396	0.340	0.409	0.505	0.604	0.514	0.454	0.505	0.476
Non-CIS	0.077	0.112	0.117	0.140	0.112	0.285	0.283	0.271	0.297	0.308
Republic of Moldova	0.470	0.483	0.565	0.746	0.795	0.875	0.632	0.464	0.472	0.570
Non-CIS	0.166	0.178	0.159	0.279	0.252	0.267	0.203	0.211	0.196	0.224
Russian Federation ^a .....	..	..	66.862	79.869	86.889	86.627	73.000	73.700	102.796	100.653*
Non-CIS	42.376	44.297	53.001	65.607	70.975	69.959	58.800	62.800	89.068	86.213*
Tajikistan	0.193	0.350	0.492	0.749	0.770	0.746	0.597	0.689	0.784	0.652
Non-CIS	0.109	0.227	0.399	0.497	0.439	0.473	0.394	0.374	0.411	0.440
Turkmenistan .....	..	..	2.145	1.881	1.682	0.751	0.594	1.190	2.500	2.700
Non-CIS	0.908	1.049	0.494	0.951	0.610	0.300	0.442	0.700	1.200	1.300
Ukraine	7.415	7.817	10.272	13.128	14.401	14.232	12.637	11.582	14.573	16.265
Non-CIS	3.297	3.223	4.653	6.168	6.996	8.646	8.435	8.329	10.075	11.589
Uzbekistan .....	..	..	2.549	2.821	4.211	4.026	3.218	3.200	3.230	3.110
Non-CIS	0.869	0.721	0.966	1.712	3.321	2.689	2.425	2.250	2.090	2.050
Total above .....	..	..	167.252	211.243	229.019	238.808	232.649	229.702	285.584	300.605*
<i>Memorandum items:</i>										
Baltic states	2.139	4.197	4.324	5.846	6.877	8.467	8.759	7.665	8.851	9.890
Central Europe	42.816	49.127	57.365	73.928	79.456	85.644	97.410	97.508	109.436	121.916
South-east Europe .....	..	..	..	20.848	20.751	21.785	21.764	20.350	23.606	25.326
CIS without Russian Federation .....	..	..	23.129	30.753	35.047	36.286	31.716	30.479	40.895	42.821
Caucasian CIS countries .....	..	..	1.025	1.062	1.120	1.253	1.019	1.399	2.376	2.973
Central Asian CIS countries .....	..	..	8.757	11.110	13.079	12.625	10.358	11.125	16.145	15.585
Three European CIS countries .....	..	..	13.347	18.581	20.848	22.408	20.339	17.955	22.375	24.263

Source: UNECE secretariat calculations 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) and the former SFR of Yugoslavia (from 1992); and the former USSR: for the Baltic states (from 1992) and for the CIS. Data excluding the "new trade" were shown in earlier issues of this publication. Changes in the method of recording trade are reflected from 1993 in data for the Czech Republic (inclusion of OPT transactions, etc.), from 1995 in Latvia (imports registered c.i.f.) and Lithuania (change from special to general system), from 1996 in Hungary (inclusion of trade flows of free trade zones), from 1997 in Slovakia (inclusion of OPT transactions, etc.) and from 2000 in Estonia (change from general to special trade system). All trade values are expressed in dollars at prevailing market exchange rates.

^a 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 and the CIS, 1992-2001
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe	70.190	80.386	91.379	125.033	145.996	159.004	173.259	167.553	185.483	201.589
Albania	0.524	0.421	0.549	0.650	0.913	0.620	0.795	0.903	1.059	1.317
Bosnia and Herzegovina .....	..	..	..	0.524	1.204	1.555	2.120	2.431	2.290	2.340
Bulgaria	4.530	5.120	4.272	5.638	5.074	4.932	4.957	5.515	6.507	7.261
Croatia	4.346	4.166	5.229	7.510	7.788	9.104	8.383	7.799	7.887	9.147
Czech Republic	10.368	14.617	17.427	25.265	27.919	27.563	28.789	28.126	32.183	36.504
Estonia	0.406	0.896	1.659	2.540	3.231	4.441	4.786	4.108	4.256	4.291
Hungary	11.123	12.648	14.554	15.466	18.144	21.234	25.706	28.008	32.080	33.682
Latvia	0.794	0.961	1.240	1.818	2.320	2.724	3.189	2.946	3.189	3.507
Lithuania	0.602	2.244	2.352	3.649	4.559	5.644	5.794	4.834	5.457	6.353
Poland	16.141	18.758	21.566	29.043	37.137	42.314	47.054	45.911	48.940	50.275
Romania	6.260	6.522	7.109	10.278	11.435	11.280	11.838	10.557	13.055	15.552
Slovakia	3.889	6.332	6.634	8.777	11.112	11.622	13.006	11.265	12.660	14.689
Slovenia	6.141	6.501	7.304	9.492	9.421	9.367	10.098	10.083	10.116	10.148
The former Yugoslav Republic of Macedonia	1.206	1.199	1.484	1.719	1.627	1.779	1.915	1.776	2.085	1.688
Yugoslavia	3.859	..	..	2.665	4.113	4.826	4.830	3.290	3.721	4.837
CIS: total .....	..	..	63.137	79.576	86.960	94.316	81.747	62.005	70.693	81.729*
CIS: non-CIS	42.297	33.696	36.743	45.678	49.205	57.780	50.560	37.571	38.652	48.875*
Armenia .....	..	0.255	0.394	0.674	0.856	0.892	0.902	0.811	0.885	0.869
Non-CIS	0.050	0.087	0.188	0.340	0.578	0.593	0.672	0.624	0.711	0.655
Azerbaijan	0.940	0.629	0.778	0.668	0.961	0.794	1.077	1.036	1.172	1.431
Non-CIS	0.333	0.241	0.292	0.440	0.621	0.443	0.673	0.711	0.797	0.986
Belarus .....	..	..	3.066	5.564	6.939	8.689	8.549	6.674	8.574	8.049
Non-CIS	0.843	1.119	0.974	1.887	2.369	2.872	2.995	2.385	2.551	2.443
Georgia .....	..	..	0.338	0.385	0.687	0.944	0.884	0.602	0.651	0.684
Non-CIS	0.228	0.167	0.066	0.231	0.417	0.603	0.617	0.377	0.423	0.433
Kazakhstan .....	..	..	3.561	3.807	4.241	4.301	4.350	3.687	5.051	6.363
Non-CIS	0.469	0.494	1.384	1.154	1.295	1.969	2.290	2.089	2.295	3.057
Kyrgyzstan	0.421	0.448	0.317	0.522	0.838	0.709	0.842	0.600	0.554	0.467
Non-CIS	0.071	0.112	0.107	0.168	0.351	0.273	0.401	0.341	0.256	0.210
Republic of Moldova	0.640	0.628	0.659	0.841	1.072	1.172	1.024	0.587	0.776	0.897
Non-CIS	0.179	0.184	0.183	0.272	0.420	0.567	0.584	0.345	0.517	0.557
Russian Federation ^a .....	..	..	38.661	46.709	47.373	53.568	44.600	31.000	33.769	41.237*
Non-CIS	36.984	26.807	28.344	33.117	32.798	39.365	32.500	22.200	22.171	30.121*
Tajikistan	0.254	0.630	0.547	0.810	0.668	0.750	0.711	0.663	0.675	0.688
Non-CIS	0.132	0.374	0.314	0.332	0.285	0.268	0.265	0.148	0.115	0.150
Turkmenistan .....	..	..	1.468	1.364	1.011	1.183	1.008	1.500	1.780	2.250
Non-CIS	0.030	0.501	0.782	0.619	0.450	0.531	0.530	1.000	1.100	1.400
Ukraine	6.892	9.533	10.745	15.484	17.603	17.128	14.676	11.846	13.956	15.775
Non-CIS	2.049	2.652	2.907	5.488	6.427	7.249	6.779	5.103	5.916	6.943
Uzbekistan .....	..	..	2.603	2.748	4.712	4.186	3.125	3.000	2.850	3.020
Non-CIS	0.929	0.958	1.202	1.630	3.195	3.047	2.256	2.250	1.800	1.920
Total above .....	..	..	154.516	204.609	232.957	253.320	255.006	229.558	256.176	283.318*
<i>Memorandum items:</i>										
Baltic states	1.802	4.101	5.251	8.006	10.110	12.809	13.768	11.888	12.901	14.151
Central Europe	47.663	58.856	67.485	88.043	103.733	112.100	124.653	123.393	135.979	145.298
South-east Europe .....	..	..	..	28.984	32.154	34.095	34.838	32.271	36.603	42.140
CIS without Russian Federation .....	..	..	24.476	32.867	39.587	40.748	37.147	31.005	36.924	40.492
Caucasian CIS countries .....	..	..	1.510	1.727	2.503	2.630	2.864	2.449	2.708	2.984
Central Asian CIS countries .....	..	..	8.496	9.251	11.470	11.129	10.034	9.449	10.910	12.788
Three European CIS countries .....	..	..	14.470	21.889	25.614	26.989	24.249	19.107	23.307	24.721

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

Note: See appendix table B.11.

^a 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 and the CIS, 1992-2001
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe	-8.718	-13.514	-14.118	-24.411	-38.913	-43.109	-45.327	-42.030	-43.590	-44.458
Albania	-0.452	-0.298	-0.410	-0.448	-0.701	-0.483	-0.589	-0.551	-0.800	-1.012
Bosnia and Herzegovina .....	..	..	..	-0.500	-1.146	-1.362	-1.768	-1.913	-1.615	-1.541
Bulgaria	-0.538	-1.352	-0.336	-0.294	-0.184	0.008	-0.763	-1.509	-1.683	-2.148
Croatia	0.007	-0.457	-0.969	-2.877	-3.276	-4.933	-3.842	-3.496	-3.455	-4.481
Czech Republic	-1.601	-0.154	-1.545	-3.992	-5.739	-4.784	-2.438	-1.861	-3.131	-3.135
Estonia	0.038	-0.094	-0.353	-0.702	-1.152	-1.507	-1.550	-1.170	-1.080	-0.985
Hungary	-0.442	-3.727	-3.853	-2.599	-2.440	-2.134	-2.701	-2.996	-3.988	-3.184
Latvia	0.049	0.440	-0.252	-0.515	-0.877	-1.051	-1.377	-1.223	-1.323	-1.506
Lithuania	0.250	-0.250	-0.322	-0.944	-1.204	-1.784	-2.083	-1.831	-1.647	-1.770
Poland	-2.955	-4.555	-4.326	-6.156	-12.697	-16.558	-18.825	-18.504	-17.289	-14.183
Romania	-1.897	-1.630	-0.958	-2.368	-3.351	-2.849	-3.536	-2.070	-2.688	-4.167
Slovakia	-0.389	-0.874	0.080	-0.192	-2.290	-1.983	-2.231	-0.988	-0.752	-1.985
Slovenia	0.540	-0.418	-0.476	-1.176	-1.111	-0.998	-1.048	-1.537	-1.384	-0.895
The former Yugoslav Republic of Macedonia	-0.007	-0.144	-0.398	-0.515	-0.480	-0.542	-0.604	-0.585	-0.766	-0.533
Yugoslavia	-1.320	..	..	-1.134	-2.267	-2.149	-1.972	-1.797	-1.991	-2.934
CIS: total .....	..	..	26.854	31.046	34.975	28.597	22.970	42.174	72.998	61.744
CIS: non-CIS	8.945	18.851	25.909	34.329	38.692	30.919	26.197	44.775	76.297	64.738
Armenia .....	..	-0.099	-0.178	-0.403	-0.566	-0.660	-0.682	-0.580	-0.584	-0.530*
Non-CIS	-0.024	-0.058	-0.130	-0.239	-0.416	-0.455	-0.532	-0.449	-0.484	-0.403*
Azerbaijan	0.544	0.096	-0.125	-0.031	-0.330	-0.013	-0.471	-0.107	0.573	0.883
Non-CIS	0.421	0.110	0.086	-0.088	-0.280	-0.040	-0.299	0.007	0.713	1.106
Belarus .....	..	..	-0.556	-0.857	-1.287	-1.388	-1.480	-0.765	-1.244	-0.621
Non-CIS	0.351	-0.330	0.057	-0.110	-0.481	-0.950	-1.085	-0.098	0.376	0.513
Georgia .....	..	..	-0.182	-0.231	-0.488	-0.704	-0.692	-0.364	-0.321	-0.364
Non-CIS	-0.160	-0.098	-0.027	-0.174	-0.347	-0.501	-0.532	-0.246	-0.226	-0.258
Kazakhstan .....	..	..	-0.330	1.443	1.670	2.196	1.086	1.906	4.075	2.284
Non-CIS	0.929	1.007	-0.027	1.212	1.437	1.547	0.976	2.011	4.456	2.958
Kyrgyzstan	-0.104	-0.052	0.023	-0.113	-0.333	-0.105	-0.328	-0.146	-0.050	0.009
Non-CIS	0.005	-	0.010	-0.028	-0.239	0.012	-0.118	-0.070	0.041	0.097
Republic of Moldova	-0.170	-0.145	-0.094	-0.095	-0.277	-0.297	-0.392	-0.123	-0.305	-0.327
Non-CIS	-0.013	-0.006	-0.024	0.007	-0.168	-0.300	-0.381	-0.134	-0.321	-0.333
Russian Federation ^a .....	..	..	28.201	33.160	39.516	33.059	28.400	42.700	69.027	59.416
Non-CIS	5.392	17.490	24.657	32.490	38.177	30.594	26.300	40.600	66.897	56.091
Tajikistan	-0.061	-0.280	-0.055	-0.061	0.102	-0.004	-0.114	0.026	0.109	-0.036*
Non-CIS	-0.023	-0.147	0.085	0.165	0.154	0.205	0.129	0.225	0.295	0.290*
Turkmenistan .....	..	..	0.677	0.517	0.670	-0.432	-0.414	-0.310	0.720	0.450
Non-CIS	0.878	0.548	-0.288	0.332	0.160	-0.231	-0.088	-0.300	0.100	-0.100
Ukraine	0.523	-1.716	-0.473	-2.356	-3.202	-2.896	-2.038	-0.265	0.617	0.490
Non-CIS	1.248	0.571	1.746	0.680	0.569	1.397	1.657	3.227	4.159	4.646
Uzbekistan .....	..	..	-0.054	0.073	-0.501	-0.159	0.093	0.200	0.380	0.090
Non-CIS	-0.060	-0.237	-0.236	0.082	0.126	-0.358	0.169	-	0.290	0.130
Total above .....	..	..	12.736	6.635	-3.937	-14.512	-22.357	0.144	29.408	17.287
<i>Memorandum items:</i>										
Baltic states	0.337	0.096	-0.927	-2.160	-3.232	-4.343	-5.009	-4.224	-4.050	-4.261
Central Europe	-4.847	-9.729	-10.120	-14.115	-24.277	-26.456	-27.243	-25.885	-26.543	-23.382
South-east Europe .....	..	..	..	-8.136	-11.403	-12.311	-13.074	-11.921	-12.997	-16.814
CIS without Russian Federation .....	..	..	-1.347	-2.114	-4.541	-4.462	-5.430	-0.526	3.971	2.329
Caucasian CIS countries .....	..	..	-0.485	-0.665	-1.383	-1.377	-1.845	-1.050	-0.332	-0.011
Central Asian CIS countries .....	..	..	0.261	1.859	1.608	1.496	0.324	1.675	5.235	2.797
Three European CIS countries .....	..	..	-1.123	-3.308	-4.766	-4.581	-3.909	-1.152	-0.932	-0.458

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

Note: See appendix table B.11.

^a 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, 1990-2002
(Shares in total trade, per cent)

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 ^a
Eastern Europe, to and from:														
<i>Exports</i>														
World	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe and the CIS	48.5	38.1	28.5	23.0	30.7	28.5	28.6	28.5	28.6	24.7	20.8	20.7	21.0	20.8
CIS	27.1	22.3	17.9	12.4	11.4	10.0	9.8	10.0	10.6	7.4	4.2	4.1	4.3	4.6
Eastern Europe	21.4	15.8	10.6	10.7	19.3	18.5	18.7	18.5	18.0	17.3	16.6	16.6	16.7	16.2
Developed market economies	35.7	49.5	59.8	63.0	57.5	61.9	62.6	63.5	63.6	68.3	73.4	73.0	72.9	72.6
Developing economies	15.8	12.4	11.7	14.0	11.8	9.6	8.8	8.0	7.8	7.0	5.8	6.3	6.1	6.6
<i>Imports</i>														
World	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe and the CIS	42.0	26.6	25.5	24.7	29.9	26.2	25.8	24.7	23.1	20.0	20.6	23.6	23.0	24.7
CIS	26.8	18.3	20.2	17.9	16.5	14.0	13.0	12.0	11.0	8.6	8.5	11.4	10.6	12.0
Eastern Europe	18.8	14.3	8.1	6.8	13.4	12.2	12.9	12.7	12.1	11.4	12.1	12.2	12.4	12.7
Developed market economies	38.7	53.3	58.3	64.4	61.2	65.2	65.6	66.2	66.7	70.2	69.7	66.6	66.1	66.2
Developing economies	19.3	20.1	16.1	10.9	8.9	8.6	8.5	9.1	10.2	9.8	9.7	9.8	10.9	9.1
Former Soviet Union/Russian Federation, to and from:														
<i>Exports</i>														
World	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe	34.5	21.8	25.9	22.3	18.1	15.1	16.8	18.2	19.5	18.1	17.8	20.0	19.4	17.2
Developed market economies	42.2	49.5	56.5	57.9	59.7	66.6	60.6	58.1	58.6	60.0	58.0	55.6	55.2	55.6
Developing economies	23.3	28.7	17.6	19.8	22.2	18.3	22.6	23.7	21.9	21.9	24.2	24.4	25.4	27.2
<i>Imports</i>														
World	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eastern Europe	31.5	24.7	26.0	15.9	10.6	14.1	15.5	12.6	13.7	12.0	9.6	10.9	10.1	10.1
Developed market economies	46.4	52.9	58.1	62.4	60.6	70.3	69.5	67.8	68.3	68.2	68.3	69.3	67.6	65.4
Developing economies	22.1	22.4	15.9	21.7	28.8	15.6	15.0	19.6	18.0	19.8	22.1	19.8	22.3	24.5

Source: UNECE Common Database, derived from national statistics.

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

Partner country grouping has been recently revised with subsequent revisions back to 1980. The "eastern Europe" partner group now covers Albania, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia, The former Yugoslav Republic of Macedonia and Yugoslavia.

^a January-September 2002.

APPENDIX TABLE B.15

Exchange rates of eastern Europe and the CIS, 1980-1991-2002
(Annual averages, national currency units per dollar)

Unit ^a	1980	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Albania..... lek	..	24.20	75.03	102.06	94.62	92.70	104.50	148.93	150.63	137.69	143.71	143.48	139.93
Bosnia and Herzegovina ... convert. marka ^b	..	..	..	..	..	1.433	1.505	1.734	1.760	1.836	2.120	2.185	2.079
Bulgaria..... leva ^c	0.86	17.45	23.42	27.85	54.13	67.08	177.88	1 681.87	1 760.37	1.836	2.123	2.185	2.079
Croatia..... kuna ^d	..	24.00	264.30	3 577.42	6.033	5.230	5.434	6.101	6.362	7.112	8.276	8.340	7.881
Czech Republic..... koruna	..	29.42	28.29	29.15	28.79	26.54	27.14	31.70	32.28	34.57	38.60	38.04	32.70
Estonia..... kroon ^e	..	..	12.11	13.22	12.99	11.46	12.03	13.88	14.07	14.69	16.98	17.49	16.63
Hungary..... forint	32.64	74.73	78.98	91.93	105.16	125.68	152.65	186.79	214.40	237.15	282.18	286.49	257.89
Latvia..... lats ^f	..	..	0.68	0.67	0.56	0.53	0.55	0.58	0.59	0.59	0.61	0.63	0.62
Lithuania..... litas ^g	..	..	1.78	4.34	3.98	4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.68
Poland..... zloty ^h	3.05	10 576	13 627	18 136	22 723	2.42	2.70	3.28	3.49	3.96	4.35	4.09	4.08
Romania..... leu	4.47	76.39	307.95	760.05	1 655.09	2 033.28	3 084.22	7 167.94	8 875.58	15 332.93	21 708.73	29 060.87	33 055.43
Slovakia..... koruna	..	29 564	28 297	30 770	32 046	29 715	30 656	33 616	35 233	41 363	46 037	48 355	45 327
Slovenia..... tolar	..	27.57	81.29	113.24	128.81	118.52	135.37	159.69	166.13	181.77	222.66	242.75	240.25
The former Yugoslav													
Republic of Macedonia denar ⁱ	..	19.69	508.07	23.26	43.26	37.88	39.98	50.00	54.46	56.90	65.90	68.04	64.66
Yugoslavia..... dinar ^j	..	19.73	750.00	..	1.55	4.74	4.96	5.70	11.07	22.84	54.74	67.67	64.19
Armenia..... dram	..	..	..	9.11	288.65	405.91	414.04	490.77	504.92	535.06	539.53	555.08	..
Azerbaijan..... manat	..	..	..	99.98	1 570.23	4 413.54	4 301.26	3 985.38	3 869.08	4 120.17	4 474.07	4 656.53	..
Belarus..... rouble ^k	..	..	2 535	3 160	4 652	1 1538	1 3472	2 6729	5 8971	27 4512	881.75	1 390.00	..
Georgia..... lari ^l	..	..	..	..	1.661	1.291	1.263	1.297	1.390	2.026	1.976	2.072	2.192
Kazakhstan..... tenge	..	..	..	..	35.54	60.95	67.30	75.44	78.30	119.52	142.13	146.74	153.35
Kyrgyzstan..... som	..	..	..	..	10.86	10.82	12.81	17.36	20.84	39.01	47.70	48.38	46.93
Republic of Moldova..... leu	..	..	4.422	4.448	4.475	4.497	4.604	4.624	5.370	10.517	12.433	12.867	13.563
Russian Federation..... rouble ^m	0.65	1.74	192.75	993.00	2 203.58	4 558.63	5 120.92	5 784.83	9.705	24.620	28.129	29.169	31.349
Tajikistan..... samoni ⁿ	..	..	..	..	..	107.59	293.82	560.64	778.30	1 225.96	1.83	2.39	..
Turkmenistan..... manat	..	..	..	..	14.1	116.7	3 594.6	4 142.9	4 592.4	5 200.0	5 200.0	5 200.0	..
Ukraine..... hryvnia ^o	..	..	..	4 796	31 700	147 276	1.829	1.862	2.450	4.130	5.440	5.372	..
Uzbekistan..... sum ^p	..	..	..	..	10.69	30.12	40.66	66.02	94.79	124.64	236.58	423.08	..

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

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

^a Currency unit of the last period shown. For prior periods, see footnotes.

^b BAM (convertible marka), the official rate is pegged to the euro. Prior to January 1999, the official rate was pegged to the deutsche mark at a 1:1 rate.

^c The leva was redenominated at 1:1,000 from 5 July 1999.

^d The kuna replaced the Croat dinar on 3 May 1994 at 1:1,000; the 1994 average is shown in kuna terms.

^e 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.

^f The lats replaced an earlier Latvian rouble at 1:200 on 18 October 1993; the 1993 average is shown in lat terms.

^g The litas replaced the earlier talonas at 1:100 on 1 June 1993; the 1993 average is shown in litas terms.

^h The zloty was redenominated at 1:10,000 from 1 January 1995.

ⁱ 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.

^j 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. Estimated market exchange rates for 1998-2000.

^k The Belarus rouble was redenominated 1:10 on 10 August 1994; the 1994 average here assumes this applied to the entire year. The Belarus rouble was further redenominated at 1:1,000 since January 2000. Annual averages were calculated from end-of-period monthly rates, and the period average since January 1999.

^l The lari replaced the lari-kupon on 25 September 1995; the annual average for 1994 is shown in million lari-kupon, and the average for 1995 in lari.

^m 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.

ⁿ A new currency, the samoni, was put into circulation on 30 October 2000 (1:1,000).

^o The hryvnia replaced the former karbovanets on 2 September 1996 at 1:100,000; the average for 1996 is shown in hryvnia terms.

^p The sum replaced the sum-kupon in June 1994 (1:1,000).

APPENDIX TABLE B.16

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

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe .....	..	..	..	..	-3 377	-3 814	-15 587	-18 969	-21 120	-24 124	-20 731	-20 152
Albania	-118	-168	-51	14	-43	-15	-62	-254	-45	-133	-156	-218
Bosnia and Herzegovina .....	..	..	..	..	-177	-193	-748	-1 060	-794	-839	-957	-1 126
Bulgaria	-1 710	-77	-361	-1 098	-32	-198	164	1 046	-61	-652	-702	-842
Croatia ^a	-621	-589	329	637	711	-1 407	-956	-2 512	-1 453	-1 398	-439	-617
Czech Republic	-122	1 708	-456	456	-787	-1 369	-4 121	-3 564	-1 255	-1 462	-2 718	-2 625
Estonia .....	..	..	36	22	-167	-158	-398	-563	478	-247	-294	-340
Hungary ^b	123	267	325	-3 455	-3 911	-2 480	-1 678	-981	-2 298	-2 081	-1 328	-1 105
Latvia .....	..	..	191	417	201	-16	-279	-345	-650	-654	-493	-732
Lithuania .....	..	..	321	-86	-94	-614	-723	-981	-1 298	-1 194	-675	-574
Poland ^b	716	-1 359	-269	-2 868	677	5 310	-1 371	-4 309	-6 841	-11 553	-9 952	-7 166
Romania	-3 337	-1 012	-1 564	-1 174	-428	-1 774	-2 571	-2 104	-2 917	-1 437	-1 355	-2 223
Slovakia	-767	-786	173	-532	759	511	-1 960	-1 827	-1 982	-980	-702	-1 756
Slovenia ^a	518	129	926	192	575	-75	56	51	-118	-698	-548	31
The former Yugoslav Republic of Macedonia ^a	-409	-259	-19	-83	-263	-299	-340	-286	-269	-32	-75	-235
Yugoslavia .....	..	..	..	..	-400	-1 037	-600	-1 279	-660	-764	-339	-624
CIS ^c .....	..	..	-538	10 267	4 696	3 888	5 228	-6 309	-7 368	23 544	48 001	33 834
Armenia .....	..	..	-50	-67	-104	-218	-291	-307	-403	-307	-278	-196
Azerbaijan .....	..	153	488	-160	-121	-401	-931	-916	-1 365	-600	-168	-52
Belarus .....	..	..	131	-435	-444	-458	-516	-859	-1 017	-194	-323	-275
Georgia .....	..	..	-248	-354	-277	-216	-275	-375	-416	-195	-262	-211
Kazakhstan .....	..	-1 300	-1 900	-641	-905	-213	-751	-799	-1 236	-236	675	-1 241
Kyrgyzstan .....	..	..	-61	-88	-84	-235	-425	-138	-364	-184	-80	-19
Republic of Moldova .....	..	..	-152	-155	-82	-95	-192	-275	-335	-64	-105	-92
Russian Federation ^d	-6 300	2 500	1 142	12 792	7 844	6 963	10 847	-80	219	24 616	46 839	34 842
Tajikistan .....	..	..	-53	-208	-170	-89	-75	-61	-120	-36	-62	-74
Turkmenistan	-308	447	926	776	84	23	0	-580	-934	..	..	..
Ukraine .....	..	..	-526	-765	-1 163	-1 152	-1 184	-1 335	-1 296	1 658	1 481	1 402
Uzbekistan .....	..	..	-236	-429	118	-21	-980	-584	-102	-164	184	50*
Total above ^c .....	..	..	..	..	1 318	74	-10 360	-25 278	-28 488	-581	27 270	13 682
<i>Memorandum items:</i>												
Baltic states .....	..	..	548	353	-59	-788	-1 400	-1 890	-2 426	-2 095	-1 462	-1 646
Central Europe	469	-41	698	-6 207	-2 687	1 897	-9 074	-10 630	-12 493	-16 775	-15 246	-12 621
South-east Europe .....	..	..	..	..	-631	-4 922	-5 113	-6 449	-6 200	-5 255	-4 022	-5 885
CIS without Russian Federation .....	..	..	-1 680	-2 525	-3 148	-3 075	-5 619	-6 229	-7 587	-1 072	1 162	-1 008
Caucasian CIS countries .....	..	..	190	-581	-502	-835	-1 497	-1 597	-2 184	-1 102	-708	-460
Central Asian CIS countries ^c .....	..	..	-1 324	-589	-957	-535	-2 231	-2 163	-2 756	-1 371	817	-1 584
Three European CIS countries .....	..	..	-547	-1 355	-1 689	-1 705	-1 892	-2 469	-2 647	1 401	1 053	1 035

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

^a 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).

^b Convertible currencies. Hungary until 1995; Poland until 1992.

^c 1999-2001 totals include estimates for Turkmenistan.

^d 1990-1992 exclude transactions with the Baltic and CIS countries.

APPENDIX TABLE B.17

Inflows of foreign direct investment ^a in eastern Europe and the CIS, 1990-2001
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Eastern Europe.....	..	..	..	..	..	..	8 667	11 303	17 523	19 997	21 775	21 784
Albania ^b	0	0	20	58	53	70	90	48	45	41	143	207
Bosnia and Herzegovina.....	..	..	..	..	0	0	0	0	100	90	150	130
Bulgaria ^b	4	56	42	40	105	90	109	505	537	819	1 002	694
Croatia.....	0	0	16	120	117	114	511	533	932	1 458	1 077	1 512
Czech Republic.....	132	513	1 004	654	869	2 562	1 428	1 300	3 718	6 324	4 986	4 916
Estonia.....	..	..	82	162	215	202	151	267	581	305	387	542
Hungary ^c	311	1 459	1 471	2 339	1 146	4 454	2 275	2 173	2 036	1 970	1 649	2 443
Latvia.....	..	..	29	45	214	180	382	521	357	347	410	154
Lithuania.....	..	..	8	30	31	73	152	355	926	486	379	446
Poland (cash basis) ^b	10	117	284	580	542	1 132	2 768	3 077	5 130	6 474	8 293	6 995
Romania.....	0	40	77	94	341	419	263	1 215	2 031	1 041	1 037	1 157
Slovakia.....	18	82	100	195	269	308	353	220	684	390	1 925	1 475
Slovenia.....	4	65	111	113	117	151	174	334	216	107	136	503
The former Yugoslav Republic of Macedonia ^b	0	0	0	0	24	9	11	16	118	32	176	443
Yugoslavia.....	..	..	..	..	..	..	0	740	113	112	25	165
CIS ^d.....	..	..	1 777	1 875	1 770	4 065	5 313	8 995	6 782	6 739	5 410	6 915
America ^b.....	..	..	0	1	8	25	18	52	221	122	104	70
Azerbaijan ^b.....	..	..	0	60	22	330	627	1 125	1 023	510	129	227
Belarus ^b.....	..	..	7	18	11	15	105	352	203	444	119	111
Georgia ^b.....	..	..	0	0	8	6	40	203	265	82	131	110
Kazakhstan.....	..	..	100	228	635	964	1 137	1 321	1 151	1 468	1 278	2 748
Kyrgyzstan.....	..	..	0	10	38	96	47	83	109	44	-2	4
Republic of Moldova ^b.....	..	25	17	14	12	67	24	79	76	41	143	160
Russian Federation.....	0	100	1 454	1 211	690	2 066	2 579	4 865	2 762	3 309	2 714	2 469
Tajikistan ^b.....	..	..	9	9	12	20	18	18	25	21	24	9
Turkmenistan ^b	0	0	11	79	103	233	108	108	64	..	..	..
Ukraine.....	..	..	170	198	159	267	521	623	743	496	595	792
Uzbekistan ^b.....	..	..	9	48	73	-24	90	167	140	121	75	71*
Total above ^d.....	..	..	..	..	..	..	13 980	20 298	24 305	26 736	27 184	28 699
<i>Memorandum items:</i>												
Baltic states.....	..	..	119	238	460	454	685	1 142	1 863	1 139	1 176	1 143
Central Europe	476	2 236	2 970	3 880	2 942	8 606	6 998	7 105	11 784	15 265	16 990	16 333
South-east Europe.....	..	..	..	..	..	..	984	3 056	3 876	3 593	3 609	4 309
CIS without Russian Federation.....	..	..	323	664	1 080	1 999	2 734	4 130	4 020	3 430	2 696	4 446
Caucasian CIS countries.....	..	..	0	61	38	361	685	1 380	1 509	715	365	406
Central Asian CIS countries ^d.....	..	..	129	374	861	1 289	1 400	1 697	1 490	1 734	1 475	2 977
Three European CIS countries.....	..	..	194	229	181	349	649	1 053	1 022	981	857	1 063

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

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

^a Inflows into the reporting country.

^b Net of residents' investments abroad. Bulgaria, 1990-1994; Poland, 1990-1992; The former Yugoslav Republic of Macedonia, 1990-1998; Belarus, 1990-1996; Georgia, 1990-1998; Republic of Moldova, 1990-1994.

^c Excludes reinvested profits. Also see the note.

^d 1999-2001 totals include estimates for Turkmenistan.