
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 1989-2003, *Appendix B* does the same for the east European countries and the Commonwealth of Independent States for 1980-2003.

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 became 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 2003 are based on data available in early February 2004.

APPENDIX TABLE A.1

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	4.2	2.6	1.0	1.5	-0.9	2.1	1.7	1.1	1.9	3.4	3.2	3.8	2.1	1.2	0.1
Germany ^b	3.5	3.2	2.8	2.2	-1.1	2.3	1.7	0.8	1.4	2.0	2.0	2.9	0.8	0.2	-0.1
Italy	2.9	2.0	1.4	0.8	-0.9	2.2	2.9	1.1	2.0	1.8	1.7	3.1	1.8	0.4	0.3
Austria	4.2	4.7	3.3	2.3	0.4	2.6	1.6	2.0	1.6	3.9	2.7	3.4	0.8	1.4	0.9
Belgium	3.5	3.1	1.8	1.5	-1.0	3.2	2.4	1.2	3.5	2.0	3.2	3.8	0.6	0.7	0.8
Finland	4.8	-0.3	-6.4	-3.8	-1.2	3.9	3.4	3.9	6.3	5.0	3.4	5.1	1.2	2.2	1.5
Greece	3.8	-	3.1	0.7	-1.6	2.0	2.1	2.4	3.6	3.4	3.4	4.4	4.0	3.8	4.1
Ireland	5.8	8.5	1.9	3.3	2.7	5.8	9.9	8.1	11.1	8.6	11.3	10.1	6.2	6.9	1.6
Luxembourg	9.8	5.3	8.6	1.8	4.2	3.8	1.4	3.3	8.3	6.9	7.8	9.1	1.2	1.3	1.2
Netherlands	4.8	4.1	2.4	1.5	0.7	2.9	3.0	3.0	3.8	4.3	4.0	3.5	1.2	0.2	-0.9
Portugal	6.4	4.0	4.4	1.1	-2.0	1.0	4.3	3.5	4.0	4.6	3.8	3.7	1.6	0.4	-0.8
Spain	4.8	3.8	2.5	0.9	-1.0	2.4	2.8	2.4	4.0	4.3	4.2	4.2	2.8	2.0	2.3
Euro area ^c	3.8	2.9	2.0	1.4	-0.8	2.4	2.3	1.5	2.4	2.9	2.8	3.5	1.7	0.9	0.4
United Kingdom	2.2	0.8	-1.4	0.2	2.3	4.4	2.8	2.7	3.3	3.1	2.8	3.8	2.1	1.7	2.0
Denmark	0.2	1.0	1.1	0.6	-	5.5	2.8	2.5	3.0	2.5	2.6	2.9	1.4	2.1	0.8
Sweden ^a	2.7	1.1	-1.1	-1.7	1.1	4.2	4.0	1.3	2.4	3.6	4.6	4.4	1.1	1.9	1.4
European Union ^d	3.5	2.5	1.4	1.2	-0.3	2.8	2.4	1.7	2.6	2.9	2.9	3.6	1.7	1.1	0.7
Cyprus	7.9	7.4	0.6	9.8	0.7	5.9	6.1	1.9	2.3	4.8	4.7	5.0	4.0	2.0	2.0
Iceland	0.3	1.2	0.1	-3.3	0.8	4.0	0.1	5.2	4.7	5.5	3.9	5.5	2.9	-0.5	2.1
Israel ^a	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	-0.8	1.2
Malta	8.2	6.3	6.3	4.7	4.5	5.7	6.2	4.0	4.9	3.4	4.1	6.4	-1.2	1.7	0.7
Norway ^a	1.0	2.1	3.6	3.3	2.7	5.3	4.4	5.3	5.2	2.6	2.1	2.8	1.9	1.0	0.6
Switzerland ^a	4.3	3.7	-0.8	-	-0.2	1.1	0.4	0.5	1.9	2.8	1.3	3.7	1.0	0.2	-0.5
Turkey	0.3	9.3	0.9	6.0	8.0	-5.5	7.2	7.0	7.5	3.1	-4.7	7.4	-7.5	7.8	5.1
Western Europe	3.4	2.8	1.3	1.3	-	2.4	2.6	1.9	2.8	2.9	2.5	3.7	1.4	1.3	0.9
Canada ^a	2.6	0.2	-2.1	0.9	2.3	4.8	2.8	1.6	4.2	4.1	5.5	5.3	1.9	3.3	1.8
United States ^a	3.5	1.8	-0.2	3.3	2.7	4.0	2.5	3.7	4.5	4.2	4.4	3.7	0.5	2.2	3.1
North America	3.4	1.6	-0.3	3.1	2.6	4.1	2.5	3.5	4.5	4.2	4.5	3.8	0.6	2.3	3.0
Japan	5.3	5.2	3.4	1.0	0.2	1.1	1.9	3.4	1.9	-1.1	0.1	2.8	0.4	-0.4	2.7
Total above	3.7	2.6	0.9	2.0	1.2	2.9	2.5	2.8	3.4	2.9	3.0	3.6	0.9	1.5	2.1
<i>Memorandum items:</i>															
Western Europe and															
North America	3.4	2.2	0.5	2.2	1.3	3.2	2.6	2.7	3.6	3.6	3.5	3.8	1.0	1.8	2.0
EU acceding countries ^e .....	..	..	-9.6	-2.8	0.1	3.5	5.4	4.7	4.6	3.6	2.9	4.0	2.6	2.5	3.6
European Union-25 ^f .....	..	..	0.4	0.9	-0.3	2.8	2.7	1.9	2.7	3.0	2.9	3.6	1.8	1.2	1.0

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.2

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	3.0	2.7	0.7	0.9	-0.4	1.2	1.2	1.3	0.2	3.4	3.2	2.6	2.7	1.2	1.3
Germany ^b	2.8	5.4	5.6	2.7	0.1	1.1	2.1	1.0	0.6	1.8	3.7	2.0	1.4	-1.0	0.7
Italy	3.7	2.1	2.9	1.9	-3.7	1.5	1.7	1.2	3.2	3.2	2.6	2.7	1.0	0.4	2.0
Austria	4.3	4.5	2.5	3.0	0.8	2.4	2.6	3.2	1.7	2.7	2.4	3.3	1.4	0.8	1.1
Belgium	3.3	3.2	3.0	1.9	-0.4	2.4	1.6	1.1	2.0	3.1	2.3	3.4	0.8	1.1	1.6
Finland	5.3	-1.1	-3.8	-4.0	-3.8	2.5	4.1	3.7	3.4	4.3	3.5	3.1	2.0	1.5	3.2
Greece	6.3	2.6	2.9	2.3	-0.8	1.9	2.5	2.4	2.7	3.5	2.5	2.0	2.9	2.8	2.7
Ireland	6.5	1.4	1.8	2.9	2.9	4.4	3.6	6.5	7.1	7.2	9.5	8.3	5.3	2.0	2.0
Luxembourg	4.8	3.8	7.0	-2.3	2.1	4.0	1.8	4.4	3.9	6.6	2.6	4.6	4.5	2.3	1.9
Netherlands	3.0	3.8	2.7	0.5	0.3	1.4	2.9	4.0	3.0	4.8	4.7	3.5	1.4	0.8	-1.1
Portugal	2.9	6.4	4.2	4.7	1.1	1.0	0.6	3.0	3.3	5.0	5.1	2.6	1.2	0.6	-0.9
Spain	5.4	3.5	2.9	2.2	-1.9	1.1	1.7	2.2	3.2	4.4	4.7	4.0	2.8	2.6	3.1
Euro area ^c	3.6	3.6	3.2	1.9	-1.0	1.4	1.8	1.6	1.8	3.1	3.5	2.7	1.8	0.6	1.4
United Kingdom	3.4	1.0	-1.5	0.5	2.9	3.1	1.7	3.6	3.6	3.9	4.4	4.6	3.1	3.4	2.3
Denmark	-0.1	0.1	1.6	1.9	0.5	6.5	1.2	2.5	2.9	2.3	0.7	-1.9	0.4	1.9	1.0
Sweden ^a	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	1.3	1.8
European Union ^d	3.4	3.0	2.3	1.6	-0.4	1.7	1.8	2.0	2.1	3.2	3.6	3.0	2.0	1.1	1.5
Cyprus	6.9	9.0	9.9	3.2	-4.8	5.0	10.3	3.6	4.0	8.5	0.8	10.1	4.8	2.5	2.8
Iceland	-4.2	0.5	2.9	-3.1	-4.7	2.9	2.2	5.4	5.1	10.2	7.3	4.0	-3.0	-1.2	0.5
Israel ^a	0.4	5.6	7.2	8.0	7.3	9.5	5.8	5.2	3.9	4.3	3.2	6.6	3.2	0.1	2.0
Malta	9.2	3.8	3.8	4.3	0.8	2.3	10.5	7.1	1.6	2.5	6.1	7.4	1.7	2.5	-4.4
Norway ^a	-0.6	0.7	2.3	2.2	2.4	3.3	3.7	6.5	3.2	2.7	3.3	3.9	2.6	3.6	3.2
Switzerland ^a	2.7	1.0	1.7	0.4	-0.6	1.0	0.7	1.0	1.5	2.4	2.3	2.5	2.0	0.7	0.4
Turkey	-0.9	13.1	2.0	4.4	8.4	-6.4	6.1	7.8	8.6	0.4	-3.6	6.7	-9.6	3.1	3.5
Western Europe	3.2	3.3	2.3	1.7	-	1.3	2.0	2.3	2.4	3.1	3.2	3.2	1.4	1.2	1.6
Canada ^a	3.4	1.2	-1.6	1.5	1.8	3.0	2.1	2.6	4.6	2.8	3.8	4.0	2.6	3.4	3.4
United States ^a	2.7	1.8	0.2	3.3	3.3	3.7	2.7	3.4	3.8	5.0	5.1	4.7	2.5	3.4	3.1
North America	2.7	1.8	-	3.1	3.2	3.7	2.7	3.4	3.8	4.9	5.0	4.6	2.5	3.4	3.1
Japan	4.8	4.6	2.9	2.6	1.4	2.7	1.8	2.5	0.9	-0.1	0.2	1.0	1.7	0.9	1.1
Total above	3.2	2.8	1.4	2.5	1.6	2.6	2.3	2.8	2.9	3.5	3.7	3.6	2.0	2.2	2.3
<i>Memorandum items:</i>															
Western Europe and															
North America	2.9	2.5	1.1	2.5	1.7	2.6	2.3	2.9	3.2	4.0	4.2	4.0	2.0	2.4	2.5
EU acceding countries ^e .....	..	..	..	..	..	..	..	6.3	4.9	3.6	4.2	3.1	3.3	4.8	4.3
European Union-25 ^f .....	..	..	..	..	..	..	..	2.3	2.3	3.3	3.7	3.0	2.1	1.4	1.8

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.3

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	1.6	2.5	2.7	3.8	4.6	0.7	-0.1	2.3	2.1	-0.1	2.0	2.8	2.9	4.1	2.4
Germany ^b	-1.3	2.3	0.8	5.0	0.1	2.4	1.5	1.8	0.3	1.9	0.8	1.0	1.0	1.7	1.1
Italy	0.2	2.5	1.7	0.6	-0.2	-0.9	-2.2	1.0	0.2	0.2	1.3	1.6	3.6	1.7	1.5
Austria	1.7	2.3	3.2	3.5	3.7	3.0	1.3	1.2	-1.5	2.8	3.0	-0.1	-1.4	0.1	-0.2
Belgium	1.2	-0.4	3.6	1.5	-0.2	1.4	1.3	2.5	0.2	1.0	3.6	2.7	2.7	0.1	1.7
Finland	2.3	4.2	1.9	-2.5	-4.2	0.8	2.0	2.6	2.9	2.0	1.4	-	2.2	4.0	1.8
Greece	5.4	0.6	-1.5	-3.0	2.6	-1.1	5.6	0.9	3.0	1.7	2.1	2.2	-1.0	5.1	3.6
Ireland	-1.3	5.4	2.7	3.0	0.1	4.1	3.9	3.5	5.8	6.0	8.0	8.4	11.5	10.7	3.8
Luxembourg	8.2	6.7	4.0	3.2	5.2	1.0	4.8	5.6	3.0	1.3	7.3	4.8	7.0	4.2	3.6
Netherlands	1.9	2.2	2.9	2.9	1.6	1.5	1.5	-0.4	3.2	3.6	2.5	2.0	4.2	3.8	0.7
Portugal	6.4	4.2	9.6	-0.9	-0.2	4.3	1.0	3.4	2.2	4.1	5.6	4.0	3.4	2.9	-0.8
Spain	8.3	6.3	6.0	3.5	2.7	0.5	2.4	1.3	2.9	3.7	4.2	5.1	3.6	4.4	4.0
Euro area ^c	1.1	2.7	2.4	2.9	1.5	1.1	0.6	1.6	1.3	1.4	2.0	2.2	2.6	2.8	1.8
United Kingdom	1.0	2.2	3.0	0.7	-0.7	1.0	1.4	0.7	-0.3	1.3	3.2	1.9	1.7	2.7	3.6
Denmark	-0.8	-0.2	0.6	0.8	4.1	3.0	2.1	3.4	0.8	3.1	2.0	1.1	2.1	2.1	0.8
Sweden ^a	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	2.1	0.8
European Union ^d	1.1	2.5	2.5	2.4	1.4	1.0	0.7	1.5	1.0	1.5	2.2	2.0	2.4	2.8	2.0
Cyprus	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	3.1	3.5
Iceland	3.0	4.4	3.1	-0.7	2.3	4.0	1.8	1.2	2.5	3.4	4.6	3.8	2.9	3.1	2.0
Israel ^a	-8.6	7.7	4.1	1.4	4.2	-0.2	1.8	5.3	1.8	2.4	3.1	1.1	3.4	5.7	-1.0
Malta	12.7	5.7	10.9	8.9	6.0	6.4	8.5	8.4	-1.1	-4.0	-0.6	5.4	3.0	2.4	3.7
Norway ^a	2.1	5.3	5.4	5.6	2.7	1.5	1.5	3.1	2.5	3.3	3.2	1.3	2.7	3.2	1.0
Switzerland ^a	5.4	5.4	4.3	1.7	-0.7	2.0	1.0	0.9	-0.1	-0.9	0.3	2.4	4.0	0.8	0.9
Turkey	0.8	8.0	3.7	3.6	8.6	-5.5	6.8	8.6	4.1	7.8	6.5	7.1	-8.5	5.4	1.0
Western Europe	1.2	2.7	2.6	2.5	1.5	0.9	0.8	1.7	1.0	1.7	2.3	2.1	2.1	2.8	1.9
Canada ^a	2.8	3.5	2.9	1.0	-	-1.2	-0.6	-1.2	-1.0	3.2	2.1	2.6	3.7	3.0	3.1
United States ^a	2.5	2.5	1.3	0.5	-0.3	0.3	0.2	0.4	1.8	1.6	3.1	1.7	2.8	3.6	3.8
North America	2.5	2.6	1.4	0.5	-0.2	0.1	0.1	0.2	1.5	1.8	3.0	1.8	2.9	3.5	3.7
Japan	2.9	3.2	4.1	2.5	3.0	3.2	4.3	2.9	1.0	2.0	4.6	4.9	3.0	2.4	1.6
Total above	1.9	2.7	2.3	1.7	1.0	0.9	1.0	1.3	1.2	1.8	2.9	2.4	2.5	3.0	2.6
<i>Memorandum items:</i>															
Western Europe and															
North America	1.8	2.7	2.0	1.6	0.7	0.6	0.5	1.0	1.3	1.7	2.6	2.0	2.4	3.1	2.7
EU acceding countries ^e .....	..	..	..	..	..	..	..	3.0	0.6	1.6	0.4	0.9	2.8	3.0	0.8
European Union-25 ^f .....	..	..	..	..	..	..	..	1.6	0.9	1.5	2.0	1.9	2.4	2.8	1.9

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.4

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	7.3	3.3	-1.5	-1.6	-6.4	1.5	2.0	-	-0.1	7.0	8.3	7.7	2.3	-1.6	-1.3
Germany ^b	5.6	9.0	9.8	4.5	-4.4	4.0	-0.6	-0.8	0.6	3.0	4.1	2.7	-4.2	-6.7	-1.7
Italy	4.2	4.0	1.0	-1.4	-10.9	0.1	6.0	3.6	2.1	4.0	5.0	7.1	2.6	0.5	-2.1
Austria	4.1	6.2	6.6	0.6	-0.9	4.6	1.3	2.2	2.0	3.9	2.1	6.2	-2.3	-2.8	1.9
Belgium	11.8	8.6	-4.1	1.1	-2.5	0.4	3.4	0.9	7.1	3.3	4.4	4.4	0.3	-2.5	-0.3
Finland	12.5	-4.6	-18.5	-16.4	-15.2	-3.6	11.2	6.7	13.8	8.4	2.5	4.1	4.3	-4.0	-2.8
Greece	6.1	4.5	4.2	-3.5	-4.0	-3.1	4.1	8.4	6.8	10.6	11.0	8.0	6.5	5.7	8.7
Ireland	10.1	13.4	-7.0	-	-5.1	11.8	15.3	16.8	18.9	14.9	14.0	7.1	0.2	1.5	-1.1
Luxembourg	6.9	3.4	15.8	-15.1	20.6	-	-1.5	3.8	12.7	11.8	14.6	-3.5	10.1	-1.4	-1.8
Netherlands	5.2	2.6	0.3	0.7	-3.2	2.1	4.1	6.3	6.6	4.2	7.8	1.4	-0.1	-4.5	-3.2
Portugal	3.7	7.6	3.3	4.5	-5.5	2.7	6.6	5.7	13.9	11.5	6.4	4.4	0.1	-5.1	-9.1
Spain	12.0	6.5	1.7	-4.1	-8.9	1.9	7.7	2.1	5.0	10.0	8.8	5.7	3.3	1.0	2.8
Euro area ^c	6.7	5.7	2.7	0.1	-6.4	2.2	3.0	1.7	2.8	5.5	6.2	5.1	0.3	-2.4	-0.9
United Kingdom	6.0	-2.6	-8.2	-0.9	0.3	4.7	3.1	5.7	6.8	12.7	1.6	3.6	3.6	1.8	3.1
Denmark	-0.6	-2.2	-3.4	-2.1	-3.8	7.7	11.6	3.9	10.9	10.0	1.4	8.6	2.1	0.3	-2.0
Sweden ^a	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	-2.5	-1.1
European Union ^d	6.6	4.3	1.0	-0.3	-5.7	2.6	3.2	2.2	3.3	6.5	5.5	5.0	0.8	-1.8	-0.4
Cyprus	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	10.1	-5.1
Iceland	-7.9	3.0	3.3	-11.2	-11.4	0.6	-1.0	26.0	9.8	39.4	-5.4	17.0	-7.9	-12.6	10.6
Israel ^a	-2.2	25.3	41.9	5.2	5.3	8.4	6.6	9.0	-0.9	-3.6	0.4	1.1	-4.8	-9.2	-4.0
Malta	1.0	17.9	-	-0.2	11.1	8.5	17.8	-8.4	-4.5	-3.4	4.0	17.5	-11.1	-13.3	8.0
Norway ^a	-6.9	-10.8	-3.0	-1.1	6.5	5.3	3.9	10.3	15.5	13.1	-5.6	-3.6	-4.2	-3.6	1.9
Switzerland ^a	5.3	3.8	-2.2	-8.0	-3.0	6.6	4.4	-1.7	2.1	6.6	1.2	4.4	-3.1	-4.8	-2.1
Turkey	2.2	15.9	0.4	6.4	26.4	-16.0	9.1	14.1	14.8	-3.9	-15.7	16.9	-31.5	-0.8	8.5
Western Europe	6.2	4.5	0.8	-0.3	-4.2	1.8	3.5	2.8	4.1	6.1	4.2	5.4	-0.9	-1.9	-0.1
Canada ^a	5.6	-4.0	-5.5	-2.7	-2.0	7.5	-2.1	4.4	15.2	2.4	7.3	5.5	4.3	1.3	3.3
United States ^a	2.9	-0.2	-4.9	4.7	5.8	7.2	5.7	8.1	8.0	9.1	8.2	6.1	-2.3	-2.3	3.9
North America	3.2	-0.6	-5.0	4.0	5.1	7.2	5.0	7.8	8.6	8.5	8.1	6.0	-1.8	-2.0	3.8
Japan	8.5	7.9	2.3	-2.4	-2.8	-1.5	0.8	6.4	0.9	-3.9	-0.9	2.7	-1.1	-6.1	4.4
Total above	5.6	3.5	-0.8	0.6	-0.8	3.0	3.5	5.4	5.1	5.0	4.8	5.2	-1.3	-2.6	2.3
<i>Memorandum items:</i>															
Western Europe and															
North America	4.9	2.2	-1.7	1.5	-0.3	4.2	4.2	5.1	6.2	7.3	6.1	5.7	-1.3	-1.9	1.9
EU acceding countries ^e .....	..	..	..	..	..	..	..	14.6	11.9	10.9	1.5	3.3	-0.1	-0.4	1.4
European Union-25 ^f .....	..	..	..	..	..	..	..	3.2	4.1	7.0	5.1	4.8	0.7	-1.7	-0.2

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.5

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	3.9	2.8	0.5	0.8	-1.6	2.1	1.6	0.7	0.7	4.0	3.6	4.1	2.0	1.0	1.0
Germany ^b	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	-1.6	0.6
Italy	3.1	2.7	2.1	0.9	-5.1	1.7	2.0	0.9	2.7	3.1	3.2	2.3	1.8	1.1	1.5
Austria	3.7	4.4	3.5	2.3	0.6	3.5	2.6	1.9	1.5	2.9	2.9	2.6	-0.2	-	0.9
Belgium	4.0	3.3	1.6	1.8	-0.9	2.4	1.5	0.9	2.7	2.7	2.5	3.6	0.4	0.8	0.9
Finland	6.3	-0.8	-7.8	-6.1	-5.4	3.0	2.7	3.8	4.8	4.2	2.0	2.5	1.9	0.3	1.2
Greece	5.3	2.2	3.5	-0.5	-1.0	1.1	3.5	3.3	3.5	4.6	3.8	3.7	2.9	3.8	4.0
Ireland	6.9	6.3	0.2	-0.1	1.0	5.1	6.5	7.7	9.7	10.4	7.9	9.1	3.9	2.8	1.6
Luxembourg	6.4	4.7	8.6	-4.1	4.6	2.4	0.7	5.0	6.5	7.3	6.6	5.1	4.2	-0.4	1.4
Netherlands	4.8	3.2	2.0	1.3	-1.6	2.3	3.5	2.8	3.9	4.8	4.3	2.5	1.7	-	-1.0
Portugal	4.9	5.3	6.1	3.4	-2.1	1.5	4.1	3.0	5.1	6.7	5.9	3.1	1.3	-0.5	-2.9
Spain	7.3	4.6	3.0	1.0	-3.3	1.5	3.1	1.9	3.5	5.7	5.6	4.5	3.0	2.6	3.1
Euro area ^c	3.9	3.6	3.0	1.4	-2.3	2.1	2.1	1.1	1.9	3.7	3.6	3.0	1.2	0.4	1.1
United Kingdom	3.0	-0.3	-2.5	0.9	2.1	3.6	1.9	3.0	3.7	5.2	4.1	3.9	2.9	3.2	2.4
Denmark	-0.1	-0.7	-0.1	0.9	-0.3	7.0	4.2	2.2	4.9	4.0	0.1	1.9	0.9	1.2	0.5
Sweden ^a	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	0.7	1.1
European Union ^d	3.7	2.9	2.0	1.3	-1.6	2.4	2.1	1.4	2.2	3.9	3.6	3.1	1.4	0.9	1.3
Cyprus	9.7	6.3	5.1	9.3	-9.5	7.4	7.8	3.7	2.0	9.0	0.2	5.2	4.2	5.5	1.8
Iceland	-4.4	1.5	3.9	-4.6	-3.9	2.1	2.2	7.2	5.5	13.4	4.0	6.7	-3.6	-2.5	2.8
Israel ^a	-2.8	9.3	12.1	5.3	6.8	5.3	6.7	5.7	2.0	1.2	4.9	3.4	1.6	-0.7	-1.5
Malta	8.3	7.6	4.9	0.1	4.8	5.9	9.5	2.8	-0.1	-1.1	5.8	10.8	-5.4	-2.6	3.5
Norway ^a	-2.0	-0.4	1.4	2.1	3.2	4.1	4.6	4.4	6.6	5.7	0.4	2.3	0.4	2.1	2.0
Switzerland ^a	4.3	3.8	-0.8	-2.1	-0.8	2.8	1.6	0.2	0.5	4.1	0.1	2.1	1.9	-0.9	-1.4
Turkey	1.4	14.2	-0.6	6.1	13.3	-12.2	11.5	7.3	8.9	0.8	-3.8	9.8	-17.5	9.1	5.1
Western Europe	3.6	3.2	1.8	1.4	-1.0	1.8	2.5	1.7	2.6	3.8	3.1	3.4	0.5	1.2	1.4
Canada ^a	4.1	-0.3	-1.9	0.5	1.5	3.3	1.8	1.3	6.1	2.5	4.2	4.7	1.6	3.7	4.1
United States ^a	2.8	1.4	-0.7	3.2	3.1	4.3	2.3	3.7	4.7	5.2	5.3	4.4	0.7	2.8	3.3
North America	2.9	1.3	-0.8	3.0	3.0	4.2	2.3	3.5	4.8	5.0	5.2	4.4	0.7	2.8	3.4
Japan	5.7	5.3	3.0	0.6	0.2	1.3	2.5	3.9	0.9	-1.5	0.2	2.4	1.2	-1.0	2.3
Total above	3.6	2.7	0.9	1.9	0.8	2.7	2.4	2.8	3.3	3.6	3.7	3.7	0.7	1.6	2.4
<i>Memorandum items:</i>															
Western Europe and															
North America	3.2	2.3	0.6	2.2	1.0	3.0	2.4	2.6	3.7	4.4	4.2	3.9	0.6	2.0	2.4
EU acceding countries ^e .....	..	..	..	..	..	..	..	7.9	5.6	5.0	2.8	3.2	1.6	2.8	3.8
European Union-25 ^f .....	..	..	..	..	..	..	..	1.9	2.5	4.0	3.5	3.1	1.4	1.0	1.5

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.6

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	10.0	4.8	5.9	5.4	-	7.7	7.7	3.5	11.8	8.3	4.3	12.6	1.6	1.5	-1.6
Germany ^b	9.8	0.5	-2.9	-0.8	-5.5	7.6	5.7	5.1	11.2	7.0	5.5	13.7	5.6	3.4	0.9
Italy	7.8	7.5	-1.4	7.3	9.0	9.8	12.6	0.6	6.4	3.4	0.1	11.7	1.1	-1.0	-2.3
Austria	9.7	7.8	5.2	1.5	-1.4	5.6	3.0	5.2	12.4	8.1	8.5	13.4	7.5	3.7	1.2
Belgium	8.2	4.6	3.1	3.7	-0.4	8.4	5.5	3.0	5.9	6.0	5.1	8.4	1.3	1.0	-1.1
Finland	3.0	1.5	-7.4	10.1	16.3	13.6	8.5	5.7	13.7	9.2	6.5	19.3	-0.8	4.9	1.6
Greece	1.9	-3.5	4.1	10.0	-2.6	7.4	3.0	3.5	20.0	5.3	18.1	14.1	-1.1	-7.7	1.9
Ireland	10.3	8.7	5.7	13.9	9.7	15.1	20.0	12.2	17.4	21.0	15.2	20.6	8.3	6.2	-3.4
Luxembourg	12.6	5.6	9.2	2.7	4.8	7.7	4.6	5.8	14.8	14.1	14.8	16.8	2.6	-0.3	0.9
Netherlands	7.5	5.6	5.6	1.8	4.8	9.7	8.8	4.6	8.8	7.4	5.1	11.3	1.7	0.1	-0.3
Portugal	12.2	9.5	1.2	3.2	-3.3	8.4	8.8	7.1	7.1	9.1	2.9	8.0	1.9	2.1	3.1
Spain	1.4	4.7	8.2	7.5	7.8	16.7	9.4	10.4	15.3	8.2	7.7	10.0	3.6	-	4.1
Euro area ^c	8.4	4.0	1.5	3.5	1.1	9.1	8.1	4.4	10.4	7.2	5.3	12.4	3.2	1.5	-
United Kingdom	4.5	5.5	-0.1	4.3	4.4	9.2	9.3	8.6	8.4	2.8	4.3	9.4	2.5	-0.4	-0.6
Denmark	4.2	6.2	6.1	-0.9	-1.5	7.0	2.9	4.3	4.1	4.3	12.3	13.0	3.0	5.8	2.1
Sweden ^a	3.2	1.8	-1.9	2.2	8.3	14.1	11.5	3.7	13.8	8.6	7.4	11.3	-0.8	0.4	4.2
European Union ^d	7.7	4.1	1.3	3.4	1.7	9.2	8.2	5.0	10.1	6.6	5.3	12.0	3.0	1.3	0.1
Cyprus	16.8	7.9	-8.4	18.7	-1.3	7.9	4.6	3.6	1.7	-	6.5	9.0	3.4	-5.1	0.4
Iceland	2.9	-	-5.9	-2.0	6.5	9.5	-2.3	9.9	5.4	2.0	4.0	5.0	7.9	2.9	4.0
Israel ^a	4.0	2.0	-2.6	14.1	9.9	12.8	8.4	4.9	8.0	6.6	11.6	23.9	-11.5	-3.0	5.5
Malta	10.7	13.3	7.5	9.7	5.3	7.1	5.4	-5.9	4.0	8.1	8.2	5.6	-4.9	3.0	2.4
Norway ^a	11.0	8.6	6.1	4.7	3.2	8.4	4.9	10.2	7.7	0.6	2.8	4.0	4.1	-0.5	-0.8
Switzerland ^a	6.9	2.6	-1.3	3.1	1.3	1.9	0.5	3.6	11.1	3.9	6.5	12.2	0.2	-0.5	-0.5
Turkey	-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	11.0	12.3
Western Europe	7.6	4.2	1.4	3.6	1.8	9.1	7.9	5.4	10.3	6.5	4.9	12.0	3.0	1.5	0.4
Canada ^a	1.0	4.7	1.8	7.2	10.8	12.7	8.5	5.6	8.3	9.1	10.7	8.8	-3.1	-0.1	-1.8
United States ^a	11.8	8.7	6.6	6.9	3.2	8.7	10.1	8.4	11.9	2.4	4.3	8.7	-5.2	-2.4	1.9
North America	8.8	7.7	5.4	7.0	5.0	9.7	9.7	7.7	11.0	4.1	6.0	8.8	-4.7	-1.8	0.9
Japan	9.3	6.7	4.1	3.9	-0.1	3.6	4.1	6.4	11.4	-2.4	1.5	12.4	-6.1	8.0	7.5
Total above	8.0	5.2	2.6	4.5	2.5	8.8	8.1	6.1	10.6	5.2	5.0	11.1	0.3	1.1	1.0
<i>Memorandum items:</i>															
Western Europe and															
North America	7.9	5.1	2.5	4.6	2.7	9.3	8.4	6.1	10.5	5.8	5.2	11.0	0.8	0.6	0.6
EU acceding countries ^e .....	..	..	..	..	..	..	..	8.8	14.2	12.6	3.4	18.6	7.6	4.5	8.9
European Union-25 ^f .....	..	..	..	..	..	..	..	5.3	10.5	7.2	5.1	12.7	3.5	1.7	1.1

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.7

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France ^a	8.0	5.5	3.1	1.8	-3.7	8.2	8.0	1.6	6.9	11.6	6.2	14.6	1.3	0.6	1.5
Germany ^b	7.8	5.2	9.6	1.5	-5.5	7.4	5.6	3.1	8.3	9.1	8.4	10.5	0.9	-1.7	2.8
Italy	8.9	11.5	2.3	7.4	-10.9	8.1	9.7	-0.3	10.1	8.9	5.6	8.9	1.0	1.5	1.7
Austria	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	1.2	1.1
Belgium	9.5	4.9	2.7	4.2	-0.4	7.2	4.3	2.6	5.1	7.3	4.2	8.5	1.1	1.2	-1.1
Finland	9.1	-0.6	-12.9	0.5	1.5	12.4	7.4	5.9	11.2	7.9	3.5	16.9	0.2	1.3	1.1
Greece	10.5	8.4	5.8	1.1	0.6	1.5	8.9	7.0	14.2	9.2	15.0	8.9	-3.4	-4.7	2.4
Ireland	13.5	5.1	2.4	8.2	7.5	15.5	16.4	12.5	16.8	25.5	12.1	21.3	6.5	2.3	-4.5
Luxembourg	9.1	5.0	9.1	-3.1	5.2	6.7	4.2	7.6	13.9	15.3	14.6	14.8	4.8	-1.6	1.0
Netherlands	7.7	3.8	4.9	1.5	0.3	9.4	10.5	4.4	9.5	8.5	5.8	10.5	2.4	-0.2	-0.4
Portugal	5.9	14.5	7.2	10.7	-3.3	8.8	7.4	4.9	10.0	14.2	8.5	5.4	0.9	-0.5	-2.9
Spain	17.7	9.6	10.3	6.8	-5.2	11.4	11.1	8.0	13.2	13.2	12.6	10.6	4.0	1.8	6.4
Euro area ^c	9.0	6.6	5.5	3.4	-4.3	8.3	7.8	3.3	9.2	10.0	7.7	11.0	1.8	0.2	1.6
United Kingdom	7.4	0.5	-4.5	6.8	3.3	5.8	5.6	9.7	9.8	9.3	7.9	9.1	4.5	4.0	0.9
Denmark	4.1	1.2	3.0	-0.4	-2.7	12.3	7.3	3.5	10.0	8.9	5.5	11.3	1.9	4.2	1.5
Sweden ^a	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	-2.7	4.3
European Union ^d	8.6	5.5	3.8	3.7	-3.3	8.1	7.4	4.1	9.4	10.0	7.6	10.8	2.0	0.7	1.6
Cyprus	20.4	5.8	2.2	18.2	-18.1	8.2	11.5	6.6	1.2	7.7	-1.6	9.0	3.8	1.5	0.3
Iceland	-10.3	1.0	5.3	-6.0	-7.8	4.1	3.9	16.5	7.7	23.4	4.2	8.0	-9.0	-2.4	6.0
Israel ^a	-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	-2.3	-1.9
Malta	11.1	15.7	5.4	3.0	5.9	7.5	10.0	-5.9	-1.7	2.5	10.1	10.4	-9.2	-2.0	5.6
Norway ^a	2.2	2.5	0.5	1.6	4.9	5.8	5.7	8.8	12.4	8.5	-1.8	2.7	0.9	1.7	2.5
Switzerland ^a	6.6	2.8	-1.9	-3.8	-0.1	7.7	4.3	3.2	8.3	7.5	4.3	9.5	2.2	-3.1	-2.4
Turkey	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	15.7	13.0
Western Europe	8.4	5.9	3.3	3.7	-2.1	7.0	7.9	4.7	9.9	9.6	6.9	11.1	1.0	1.0	1.9
Canada ^a	5.9	2.0	2.5	4.7	7.4	8.0	5.7	5.1	14.2	5.1	7.8	8.0	-5.0	0.6	3.8
United States ^a	3.9	3.8	-0.6	6.9	8.8	11.9	8.0	8.7	13.6	11.6	11.5	13.1	-2.6	3.3	3.7
North America	4.4	3.4	0.1	6.4	8.4	11.0	7.5	7.9	13.7	10.2	10.7	12.1	-3.1	2.8	3.7
Japan	16.9	7.8	-1.1	-0.7	-1.4	7.9	12.5	13.1	1.0	-6.6	3.3	9.2	0.1	2.0	4.5
Total above	7.9	5.4	2.2	4.1	0.7	8.2	8.1	6.2	10.4	8.7	7.9	11.3	-0.4	1.6	2.6
<i>Memorandum items:</i>															
Western Europe and North America	7.2	5.2	2.4	4.4	0.9	8.3	7.8	5.7	11.1	9.8	8.2	11.5	-0.4	1.6	2.5
EU acceding countries ^e .....	..	..	..	..	..	..	..	16.8	16.1	15.1	2.9	15.3	5.2	4.8	9.3
European Union-25 ^f .....	..	..	..	..	..	..	..	5.4	10.1	10.5	7.0	11.3	2.4	1.2	2.6

Source: Eurostat, NewCronos 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, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Slovakia and Slovenia.

^f European Union and EU acceding countries.

APPENDIX TABLE A.8

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

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France	3.5	1.5	-0.6	-1.4	-3.9	3.8	1.9	-0.2	4.1	3.5	2.5	3.8	1.1	-1.2	-0.5
Germany ^a	4.9	5.2	3.5	-2.4	-7.9	3.2	0.8	0.7	3.7	4.2	1.5	6.2	0.5	-1.1	0.7
Italy	3.9	-1.9	-0.9	-1.0	-2.3	5.9	5.7	-1.7	3.8	1.3	-0.1	4.1	-1.1	-1.3	-0.5
Austria	6.0	7.1	1.7	-1.2	-1.6	4.0	5.1	1.0	6.4	8.2	6.0	9.0	2.8	0.9	2.1
Belgium	3.4	1.5	-1.9	-0.4	-5.1	2.1	6.5	0.5	4.7	3.4	0.9	5.3	-2.2	1.5	-1.5
Finland	2.4	-1.7	-8.7	0.8	5.6	11.3	6.1	2.9	8.6	9.2	5.7	11.8	0.1	1.7	0.7
Greece	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	1.5
Ireland	11.6	4.7	3.3	9.1	5.6	11.9	20.5	8.1	17.5	19.8	14.8	15.4	10.2	7.8	5.6
Luxembourg	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	1.0	3.0
Netherlands	5.2	2.5	1.7	-0.2	-1.1	4.9	0.8	2.4	0.2	2.2	1.4	3.5	0.5	-1.0	-1.2
Portugal	6.7	9.0	-	-2.3	-5.2	-0.2	11.6	5.3	2.6	5.7	3.0	-1.9	3.1	-0.3	0.2
Spain	5.1	-0.4	-0.6	-3.9	-4.6	7.8	4.9	-1.2	7.0	5.4	2.7	4.4	-1.4	0.1	1.5
Euro area ^b	4.7	3.5	0.6	-1.6	-4.8	4.6	3.4	0.4	4.2	4.3	1.9	5.3	0.5	-0.5	0.2
United Kingdom	2.1	-	-3.3	0.4	2.2	5.3	1.8	1.4	1.4	1.0	1.2	1.9	-1.6	-2.7	-0.7
Denmark	0.5	0.8	0.2	3.1	-3.8	10.3	4.0	1.4	4.9	2.9	0.3	5.4	1.6	1.4	0.5
Sweden	3.7	1.1	-5.2	-2.7	-1.7	11.2	10.5	0.8	5.3	3.5	1.6	6.6	-0.5	0.3	2.0
European Union ^c	4.1	2.7	-0.3	-1.2	-3.3	5.2	3.2	0.6	3.7	3.7	1.6	4.7	-	-1.0	0.2
Israel	-1.6	8.0	6.8	8.2	6.9	7.4	8.4	5.4	1.8	2.8	1.4	10.1	-5.5	-1.3	-0.4
Norway	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	-0.3	-4.4
Switzerland	1.5	4.8	0.5	-1.0	-1.8	4.3	2.0	-	4.7	3.6	3.5	8.4	-0.7	-5.1	-0.2
Turkey	3.6	9.5	2.6	5.0	8.0	-6.1	12.7	7.5	11.5	1.3	-3.7	6.0	-8.7	9.5	8.1
Western Europe	4.1	3.0	-0.2	-0.9	-2.7	4.7	3.6	0.9	4.1	3.5	1.4	4.8	-0.4	-0.7	0.5
Canada	-0.3	-2.7	-3.6	1.3	4.8	6.2	4.6	1.2	5.6	3.5	5.8	8.2	-2.9	1.9	-
United States	0.8	0.9	-1.5	2.8	3.3	5.4	4.8	4.3	7.4	5.9	4.4	4.4	-3.4	-0.6	0.3
North America	0.7	0.6	-1.7	2.7	3.4	5.5	4.8	4.1	7.2	5.7	4.5	4.7	-3.3	-0.4	0.1
Japan	5.8	4.2	1.9	-5.7	-3.5	1.3	3.3	2.3	3.5	-6.2	0.3	5.6	-6.4	-1.1	3.0
Total above	3.3	2.5	-0.2	-0.8	-0.8	4.2	4.0	2.4	5.1	2.4	2.4	4.9	-2.6	-0.6	0.7
<i>Memorandum items:</i>															
4 major west European economies ^d															
	3.8	1.6	0.3	-1.3	-3.8	4.4	2.4	0.1	3.3	2.7	1.3	4.3	-0.2	-1.5	-0.1
Western Europe and North America															
	2.6	2.0	-0.8	0.6	-0.1	5.0	4.2	2.4	5.6	4.5	2.9	4.7	-1.8	-0.5	0.3

Source: National statistics; Eurostat, NewCronos Database; OECD, *Main Economic Indicators* (Paris), latest 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, 1989-1991.

^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, 1989-2003
(Percentage change over preceding year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France	1.7	0.8	0.1	-0.6	-1.3	0.1	0.9	0.4	0.4	1.5	2.0	2.6	1.8	0.8	0.4
Germany ^a	1.5	3.0	2.5	-1.5	-1.4	-0.2	0.2	-0.3	-0.2	1.1	1.2	1.8	0.4	-0.6	-1.7
Italy	0.7	1.6	1.9	-0.5	-2.5	-1.50	-0.1	0.6	0.4	1.0	1.1	1.9	1.9	1.4	-1.4
Austria	1.3	1.6	1.4	0.2	-0.6	-0.1	-	-0.6	0.5	1.0	1.4	0.7	0.6	-0.2	0.4
Belgium	1.2	0.9	0.1	-0.5	-0.8	-0.4	4.1	0.3	0.9	1.8	1.4	1.9	1.5	-0.3	0.6
Finland	0.9	-0.4	-5.6	-7.0	-6.0	-1.4	2.0	1.3	3.3	2.0	2.5	2.2	1.5	0.4	-
Greece	0.6	0.6	-1.7	1.4	0.8	1.9	0.9	-0.5	-2.2	7.5	0.1	0.3	-0.3	0.1	0.8
Ireland	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	1.4
Luxembourg	3.5	4.1	4.3	2.6	1.5	2.5	2.4	2.8	2.7	4.9	4.6	5.6	5.7	3.2	1.0
Netherlands	2.6	3.0	1.9	1.3	0.3	0.6	2.3	2.3	3.2	2.6	2.6	2.2	1.8	0.9	-0.5
Portugal	1.9	1.9	2.8	-1.6	-2.0	-1.0	-0.2	-5.9	1.7	2.7	1.8	2.3	1.6	0.7	0.2
Spain	3.6	3.8	1.2	-1.4	-2.8	-0.5	1.9	1.3	2.9	3.9	3.5	3.5	2.3	1.5	1.8
Euro area ^b	1.6	2.1	1.4	-0.9	-1.6	-0.3	0.8	0.2	0.8	2.0	1.8	2.2	1.4	0.5	-0.4
United Kingdom	2.4	0.3	-3.1	-2.8	-0.8	0.9	1.0	1.6	1.8	1.2	1.5	1.1	0.6	0.1	0.7
Denmark	-0.7	-0.7	-0.6	-0.8	-1.5	1.4	1.3	1.0	1.2	1.6	1.2	0.5	0.4	-0.6	-0.6
Sweden	1.5	1.0	-1.5	-4.4	-5.2	-0.9	1.5	-0.9	-1.3	1.5	2.1	2.4	1.9	0.2	-0.3
European Union ^c	1.7	1.7	0.4	-1.3	-1.6	-0.1	0.8	0.4	0.9	1.8	1.7	2.0	1.2	0.4	-0.2
Cyprus	3.9	2.8	0.6	4.5	-0.1	2.4	26.7	-16.8	-0.3	1.0	1.4	2.7	0.7	1.6	0.3
Iceland	-1.6	0.1	-	-1.6	-0.8	0.8	0.8	2.4	1.6	3.1	2.3	2.2	2.2	-0.7	1.4
Israel	0.5	2.1	6.1	4.2	6.1	6.9	5.2	2.4	1.4	1.6	3.1	4.0	2.0	0.9	2.0
Malta ^d	0.9	0.8	2.5	0.8	0.8	0.8	3.1	1.5	-	-	0.7	8.1	2.1	-0.7	0.7
Norway	-2.8	-0.8	-0.9	-0.2	0.5	1.4	2.1	2.0	3.0	2.5	0.8	0.4	0.5	0.2	-0.8
Switzerland	2.7	3.2	1.9	-1.6	-0.8	-0.7	0.1	-	0.1	1.4	0.8	1.1	1.6	0.6	-0.1
Turkey	2.6	1.7	2.5	0.3	-5.3	7.3	2.5	2.4	-0.1	2.4	2.5	-6.1	-1.0	0.2	1.1
Western Europe	1.8	1.7	0.7	-1.1	-1.9	0.7	1.1	0.6	0.8	1.9	1.8	1.0	1.0	0.4	-0.1
Canada	2.3	0.4	-1.9	-0.6	1.7	2.0	1.4	-2.5	2.3	2.6	2.8	2.6	1.8	2.1	2.0
United States	2.3	1.3	-1.0	0.1	2.0	2.3	2.2	1.7	2.3	2.2	1.9	1.9	-0.3	-0.5	0.4
North America	2.3	1.2	-1.1	0.1	2.0	2.3	2.1	1.3	2.3	2.3	1.9	1.9	-0.1	-0.3	0.6
Japan	1.5	1.7	2.0	1.1	0.4	0.1	0.2	0.5	1.1	-0.7	-0.8	-0.1	-0.5	-1.2	-0.3
Total above	1.9	1.5	0.3	-0.3	-0.1	1.2	1.3	0.9	1.4	1.6	1.4	1.2	0.3	-0.1	0.1
<i>Memorandum items:</i>															
4 major west European economies ^e															
	1.6	1.6	0.4	-1.4	-1.4	-0.1	0.5	0.5	0.6	1.2	1.4	1.8	1.0	0.3	-0.6
Western Europe and North America															
	2.0	1.5	-0.1	-0.6	-0.3	1.4	1.5	0.9	1.5	2.1	1.9	1.4	0.5	0.1	0.2

Source: Eurostat, NewCronos 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 Iceland, Malta and the United Kingdom (up to 1989), Germany (up to 1990) and Turkey (up to 1999). All aggregates exclude Israel.

^a West Germany, 1989-1991.

^b Twelve countries above.

^c Fifteen countries above.

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

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

APPENDIX TABLE A.10

Standardized unemployment rates ^a in western Europe, North America and Japan, 1989-2003
(Per cent of civilian labour force)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France	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	8.8	9.4
Germany ^b	5.6	4.8	4.2	6.4	7.7	8.2	8.0	8.7	9.7	9.1	8.4	7.8	7.8	8.6	9.3
Italy	9.7	8.9	8.5	8.7	10.1	11.0	11.5	11.5	11.6	11.7	11.3	10.4	9.4	9.0	8.7
Austria	3.1	3.2	3.5	3.6	4.0	3.8	3.9	4.4	4.4	4.5	3.9	3.7	3.6	4.3	4.4
Belgium	7.4	6.6	6.4	7.1	8.6	9.8	9.7	9.5	9.2	9.3	8.6	6.9	6.7	7.3	8.1
Finland	3.1	3.2	6.6	11.7	16.3	16.6	15.4	14.6	12.7	11.4	10.2	9.8	9.1	9.1	9.0
Greece	6.7	6.4	7.1	7.9	8.6	8.9	9.2	9.6	9.8	10.9	11.8	11.0	10.4	10.0	9.3
Ireland	14.7	13.4	14.7	15.4	15.6	14.3	12.3	11.7	9.9	7.5	5.6	4.3	3.9	4.3	4.6
Luxembourg	1.8	1.7	1.6	2.1	2.6	3.2	2.9	2.9	2.7	2.7	2.4	2.3	2.1	2.8	3.7
Netherlands	6.6	5.8	5.5	5.3	6.2	6.8	6.6	6.0	4.9	3.8	3.2	2.9	2.5	2.7	3.7
Portugal	5.2	4.8	4.2	4.3	5.6	6.9	7.3	7.3	6.8	5.1	4.5	4.1	4.1	5.1	6.5
Spain	13.9	13.1	13.2	14.9	18.6	19.8	18.8	18.1	17.0	15.2	12.8	11.3	10.6	11.3	11.3
Euro area ^c	8.9	8.2	8.2	8.8	10.1	10.8	10.6	10.8	10.8	10.2	9.4	8.5	8.0	8.4	8.8
United Kingdom	7.1	6.9	8.6	9.8	10.0	9.3	8.5	8.0	6.9	6.2	5.9	5.4	5.0	5.1	5.0
Denmark	6.8	7.2	7.9	8.6	9.6	7.7	6.7	6.3	5.2	4.9	4.8	4.4	4.3	4.6	5.6
Sweden	1.6	1.7	3.1	5.6	9.1	9.4	8.8	9.6	9.9	8.2	6.7	5.6	4.9	4.9	5.6
European Union ^d	8.3	7.7	8.2	8.9	10.1	10.5	10.1	10.2	10.0	9.4	8.7	7.8	7.4	7.7	8.0
Cyprus ^e	2.3	1.8	3.0	1.8	2.6	4.1	4.0	4.7	5.2	5.2	5.5	5.2	4.4	3.9	4.4
Iceland	1.6	1.8	2.6	4.3	5.3	5.4	4.9	3.8	3.9	2.7	2.1	2.3	2.3	3.2	3.4
Israel ^f	8.9	9.6	10.6	11.2	10.0	7.8	6.9	6.7	7.7	8.5	8.9	8.8	9.4	10.3	10.2
Malta ^{g,h}	5.7	6.0	5.7	6.3	7.3	6.7	5.9	7.0	7.7	7.8	8.1	7.0	6.7	7.4	7.8
Norway	4.9	5.2	5.5	5.9	6.0	5.4	4.9	4.7	4.0	3.2	3.2	3.4	3.6	3.9	4.5
Switzerland	0.5	0.5	1.9	3.0	3.9	3.9	3.5	3.9	4.2	3.6	3.0	2.7	2.6	3.2	4.2
Turkey ^{fh}	8.7	8.2	7.9	7.9	7.6	8.1	6.9	6.1	6.4	6.8	7.6	6.5	8.3	10.3	9.0
Western Europe	7.8	7.2	7.4	8.4	9.6	10.0	9.6	9.6	9.4	8.9	8.4	7.5	7.3	7.8	8.0
Canada	7.6	8.1	10.3	11.2	11.4	10.4	9.4	9.6	9.1	8.3	7.6	6.8	7.2	7.7	7.6
United States	5.3	5.5	6.7	7.4	6.8	6.1	5.6	5.4	4.9	4.5	4.2	4.0	4.8	5.8	6.0
North America	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	6.2
Japan	2.3	2.1	2.1	2.2	2.5	2.9	3.1	3.4	3.4	4.1	4.7	4.7	5.0	5.4	5.3
Total above	6.1	5.9	6.4	7.2	7.6	7.6	7.2	7.2	7.0	6.7	6.4	5.9	6.1	6.8	7.0
<i>Memorandum items:</i>															
4 major west European economies ⁱ															
Western Europe and North America	7.7	7.1	7.2	8.5	9.5	9.8	9.5	9.8	9.8	9.4	8.9	8.1	7.6	7.9	8.1
Western Europe and North America	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	7.2

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

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

^a Eurostat-OECD definition except for Iceland and Switzerland (1989-1990); Austria (1989-1992); Israel (1989-1995); Cyprus and Malta (1989-1999).

^b West Germany, 1989-1991.

^c Twelve countries above.

^d Fifteen countries above.

^e Registered unemployment rate, average of monthly data (1989-1999).

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

^g Registered unemployment rate at the end of the year (1989-1999).

^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, 1989-2003
(Percentage change over previous year)

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
France	3.5	3.2	3.2	2.4	2.1	1.7	1.8	2.0	1.2	0.6	0.5	1.7	1.6	1.9	2.1
Germany ^a	2.8	2.7	4.1	5.1	4.4	2.7	1.7	1.4	1.9	0.9	0.6	1.5	2.0	1.4	1.0
Italy	6.3	6.5	6.3	5.3	4.6	4.1	5.2	4.0	2.0	2.0	1.7	2.5	2.8	2.5	2.7
Austria	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	1.4
Belgium	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	1.6
Finland	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	0.9
Greece	13.7	20.4	19.5	15.9	14.4	10.9	8.9	8.2	5.5	4.8	2.6	3.2	3.4	3.6	3.6
Ireland	4.1	3.3	3.2	3.1	1.4	2.4	2.5	1.7	1.6	2.4	1.6	5.6	4.9	4.7	3.5
Luxembourg	3.4	3.3	3.1	3.2	3.6	2.2	1.9	1.3	1.4	1.0	1.0	3.2	2.7	2.1	2.1
Netherlands	1.1	2.4	3.2	3.2	2.6	2.8	1.9	2.0	2.2	2.0	2.2	2.4	4.2	3.3	2.1
Portugal	12.6	13.4	10.5	9.5	6.7	5.4	4.2	3.1	2.3	2.8	2.3	2.9	4.3	3.6	3.3
Spain	6.8	6.7	5.9	5.9	4.6	4.7	4.7	3.6	2.0	1.8	2.3	3.4	3.6	3.1	3.0
Euro area ^b	4.2	4.4	4.7	4.6	4.0	3.2	3.0	2.5	1.9	1.4	1.2	2.2	2.5	2.2	2.1
United Kingdom	7.8	9.5	5.9	3.7	1.6	2.5	3.4	2.5	3.1	3.4	1.6	2.9	1.8	1.6	2.9
Denmark	4.8	2.6	2.4	2.1	1.3	2.0	2.1	2.1	2.2	1.8	2.5	2.9	2.4	2.4	2.1
Sweden	6.6	10.4	9.7	2.6	4.7	2.4	2.9	0.8	0.9	0.4	0.3	1.3	2.6	2.4	2.1
European Union ^c	4.9	5.4	5.0	4.4	3.5	3.0	3.0	2.5	2.1	1.7	1.3	2.3	2.4	2.1	2.2
Cyprus	3.8	4.5	5.0	6.5	4.9	4.7	2.6	2.9	3.6	2.2	1.7	4.3	2.0	2.8	4.1
Iceland	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	5.2	2.1
Israel	20.2	17.2	19.0	12.0	11.0	12.3	10.1	11.3	9.0	5.4	5.2	1.1	1.1	5.7	0.7
Malta	0.9	3.0	2.5	1.6	4.1	4.1	4.0	2.1	3.3	2.2	2.1	2.4	2.9	2.2	0.8
Norway	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	1.3	2.5
Switzerland	3.1	5.4	5.9	4.0	3.3	0.9	1.8	0.8	0.5	-	0.8	1.6	1.0	0.6	0.6
Turkey	50.0	66.7	80.0	77.8	62.5	103.8	88.7	80.0	86.1	84.5	65.0	54.9	54.4	45.0	25.3
Western Europe	4.8	5.4	5.0	4.4	3.5	3.0	3.0	2.4	2.0	1.7	1.3	2.3	2.4	2.0	2.2
Canada	5.0	4.8	5.6	1.5	1.9	0.2	2.2	1.6	1.6	1.0	1.7	2.7	2.5	2.2	2.8
United States	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	2.3
North America	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	2.3
Japan	2.3	3.1	3.2	1.7	1.3	0.7	-0.1	0.1	1.7	0.7	-0.3	-0.7	-0.7	-0.9	-0.3
Total above	4.4	5.0	4.4	3.3	2.9	2.4	2.5	2.3	2.1	1.5	1.5	2.4	2.2	1.5	2.0
<i>Memorandum items:</i>															
4 major west European economies ^d	4.7	5.1	4.7	4.2	3.3	2.7	2.9	2.4	2.1	1.7	1.0	2.1	2.0	1.8	2.1
Western Europe and North America	4.8	5.4	4.6	3.5	3.2	2.6	2.9	2.7	2.2	1.6	1.8	2.9	2.6	1.8	2.3

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, 1989-1991.

^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, 1991-2003
(Indices, 1989=100)

	1980	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Eastern Europe ..	100.0	100.0	83.3	78.3	77.0	79.8	84.6	88.1	90.4	92.7	94.1	97.8	100.9	103.9	107.9
Albania ..	79.4	100.0	64.8	60.1	65.9	71.4	80.9	88.2	79.1	89.2	97.1	104.6	111.4	116.6	123.6
Bosnia and Herzegovina ..	..	..	..	..	..	..	100.0	154.2	210.7	243.1	266.3	280.7	293.3	304.3	314.0
Bulgaria ..	76.2	100.0	83.3	77.2	76.1	77.5	79.7	72.2	68.2	70.9	72.5	76.4	79.6	83.3	87.3
Croatia ..	99.0	100.0	73.3	64.7	59.5	63.0	67.3	71.3	76.2	78.1	77.4	79.6	83.1	86.9	91.0
Czech Republic ..	..	100.0	87.3	86.9	86.9	88.9	94.1	98.2	97.4	96.4	96.9	100.0	103.1	105.1	108.3
Estonia ..	74.5	100.0	82.7	71.0	65.0	63.7	66.4	69.0	75.7	79.2	78.7	84.5	89.9	95.3	99.6
Hungary ..	86.3	100.0	85.0	82.4	81.9	84.4	85.6	86.8	90.7	95.1	99.1	104.2	108.3	112.0	115.1
Latvia ..	68.5	100.0	89.9	61.1	54.1	55.3	54.7	56.8	61.5	64.4	66.3	70.8	76.4	81.1	86.7
Lithuania ..	64.7	100.0	91.2	71.8	60.2	54.3	56.1	58.7	62.8	67.4	66.2	68.8	73.3	78.3	85.2
Poland ..	91.1	100.0	82.2	84.4	87.6	92.1	98.6	104.5	111.7	117.1	121.8	126.7	128.0	129.8	134.6
Romania ..	88.5	100.0	82.2	75.0	76.2	79.2	84.8	88.2	82.8	78.8	77.9	79.6	84.2	88.2	92.4
Serbia and Montenegro ^a ..	95.7	100.0	81.4	58.7	40.6	41.7	44.2	46.8	50.3	51.5	42.4	45.1	47.6	49.4	49.9
Slovakia ..	..	100.0	83.3	78.0	75.1	79.7	84.4	89.6	93.7	97.7	99.1	101.1	104.9	109.6	114.0
Slovenia ..	98.9	100.0	83.7	79.1	81.4	85.7	89.3	92.4	96.6	100.3	105.5	110.4	113.5	116.9	119.9
The former Yugoslav Republic of Macedonia ..	93.3	100.0	84.3	78.7	72.8	71.6	70.8	71.6	72.6	75.1	78.4	81.9	78.2	78.9	81.4
CIS ^b ..	77.5	100.0	91.0	78.3	70.7	60.5	57.1	55.1	55.9	54.1	56.9	62.0	65.7	69.2	74.4
Armenia ..	73.5	100.0	83.5	48.6	44.3	46.7	49.9	52.9	54.6	58.6	60.5	64.1	70.2	79.3	89.6
Azerbaijan ..	79.6	100.0	87.7	67.9	52.2	41.9	37.0	37.4	39.6	43.6	46.8	52.0	57.1	63.1	70.2
Belarus ..	65.7	100.0	96.7	87.4	80.8	71.4	63.9	65.7	73.2	79.4	82.1	86.8	91.0	95.5	102.0
Georgia ..	79.4	100.0	67.0	36.9	26.1	23.4	24.0	26.7	29.5	30.4	31.3	31.8	33.4	35.2	38.2
Kazakhstan ..	87.0	100.0	88.2	83.5	75.8	66.2	60.8	61.1	62.1	60.9	62.6	68.7	77.8	85.5	93.3
Kyrgyzstan ..	69.1	100.0	96.5	83.1	70.3	56.2	53.1	56.9	62.5	63.8	66.2	69.8	73.5	73.5	78.4
Republic of Moldova ^c ..	72.1	100.0	80.5	57.2	56.5	39.0	38.5	36.2	36.8	34.4	33.2	34.0	36.0	38.8	41.3
Russian Federation ..	78.1	100.0	92.2	78.8	71.9	62.8	60.2	58.1	58.9	55.7	59.2	65.2	68.5	71.7	77.0
Tajikistan ..	80.8	100.0	91.7	62.1	52.0	40.9	35.8	29.8	30.3	32.0	33.1	35.9	39.5	43.3	47.7
Turkmenistan ..	80.7	100.0	97.0	82.5	83.7	69.2	64.2	68.5	60.7	65.0	75.8	83.3	90.0	98.1	106.9
Ukraine ..	75.0	100.0	88.0	79.3	68.0	52.4	46.0	41.4	40.2	39.4	39.3	41.6	45.5	47.9	51.9
Uzbekistan ..	76.0	100.0	98.7	87.7	85.7	81.2	80.5	81.9	86.1	89.9	93.9	97.6	102.0	106.3	111.0
Total above ..	100.0	100.0	88.7	78.3	72.6	66.3	65.3	65.0	66.2	65.6	68.0	72.7	76.2	79.6	84.4
<i>Memorandum items:</i>															
Baltic states (BS-3) ..	67.8	100.0	89.1	68.3	59.2	56.5	57.7	60.2	65.0	68.9	68.7	72.6	77.6	82.6	88.6
Central Europe (CE-5) ..	..	100.0	84.1	83.8	85.0	88.5	93.5	98.0	102.3	105.8	109.1	113.4	115.9	118.4	122.4
South-east Europe (SEE-7) ..	89.0	100.0	80.8	70.7	66.8	69.2	74.4	76.5	74.9	74.6	73.1	75.8	79.5	83.1	86.6
CIS without Russian Federation (CIS-11) ..	76.4	100.0	88.8	77.3	68.3	56.2	51.1	49.4	50.1	50.9	52.3	55.7	60.4	64.3	69.5
Caucasian CIS countries (CCIS-3) ..	78.6	100.0	77.7	51.1	39.3	34.3	33.0	34.9	37.3	39.8	41.8	44.7	48.3	52.9	58.6
Central Asian CIS countries (CACIS-5) ..	81.9	100.0	92.6	82.7	76.9	67.5	63.4	64.2	65.2	66.3	69.6	75.0	81.9	88.0	94.7
Three European CIS countries (ECIS-3) ..	73.4	100.0	89.1	79.7	69.6	54.9	48.6	45.2	45.4	45.7	46.1	48.7	52.5	55.3	59.7
Former GDR ^d ..	..	100.0	68.3	73.3	80.1	87.9	91.9	94.9	96.7	97.7	99.0	100.0	99.9	100.0	101.4

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 Serbia and Montenegro). Serbia and Montenegro: since 1999, without Kosovo and Metohia.

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

^c Excluding Transdniestria 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, 1989-2002
(Indices, 1989=100 or earliest year available thereafter)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
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	83.8	87.2
Croatia	100.0	87.2	85.3	92.0	106.6	106.5	117.1	117.4	116.1	118.8	120.2	125.3
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	109.7	114.5
Estonia	100.0	101.9	109.0	115.7	122.7	128.1	126.9	133.5	138.8	150.3
Hungary	92.2	100.0	97.3	92.2	92.8	97.9	95.6	89.3	86.4	88.4	91.8	95.8	100.1	105.4	114.7
Latvia	100.0	76.7	49.2	46.5	47.4	47.0	50.6	52.4	53.7	55.2	57.9	61.4	64.9
Lithuania	100.0	105.4	111.3	116.9	117.0	123.9	127.6	134.6
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	142.4	146.3
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	108.1	114.6	118.0
Slovakia	100.0	103.3	76.9	75.6	74.2	72.3	75.8	83.8	85.7	92.7	92.9	92.7	97.1	102.0
Slovenia	100.0	91.6	88.8	99.1	102.6	110.2	113.3	116.0	120.2	126.3	127.4	131.0	132.8
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	110.0	..
Armenia	100.0	97.4	84.9	66.4	68.9	74.5	76.8	81.7	85.4	86.6	93.3	100.0	108.5
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	115.7
Georgia	100.0	79.2	77.1	45.4	42.4	46.1	..	..	..	..	..	..	..
Kazakhstan	100.0	96.8	96.2	84.9	67.7	55.0	51.3	51.8	50.4	51.1	53.2	57.8	63.2
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	50.3
Republic of Moldova	100.0	82.6	90.3	99.7	111.5	109.3	92.0	107.8	112.5	123.4
Russian Federation	100.0	93.9	89.0	88.1	85.4	83.1	80.9	83.1	81.4	80.4	84.9	91.1	97.7
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	63.1

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, 1989-2002
(Indices, 1989=100 or earliest year available thereafter)

	1980	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Bulgaria	100.0	80.0	74.1	61.2	61.9	71.8	56.6	44.7	60.5	73.1	84.4	104.0	113.7
Croatia	100.0	88.5	94.5	93.6	108.2	148.8	183.5	188.1	180.8	173.9	186.1	204.9
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	126.2	127.0
Estonia	100.0	106.3	110.6	123.2	144.8	161.1	137.4	155.7	174.7	202.9
Hungary	114.7	100.0	92.9	83.1	81.0	82.6	92.9	88.9	94.9	103.6	117.3	124.2	133.7	138.3	148.3
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	75.0
Lithuania	100.0	115.2	143.4	174.7	164.0	149.3	169.5	184.3
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	150.8
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	69.5	75.9	82.2
Slovakia	100.0	74.8	71.5	67.7	66.0	66.4	85.7	98.5	109.3	88.0	81.6	92.9	92.1
Slovenia	100.0	88.5	77.1	85.4	97.4	113.8	126.5	144.0	158.7	194.5	199.6	198.8	201.4
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	64.2	..
Armenia	100.0	67.0	8.6	7.9	11.5	9.5	10.5	10.7	12.0	12.1	14.0	14.8	18.1
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	63.3
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	28.6
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	50.3
Republic of Moldova	100.0	56.5	50.8	63.8	60.4	66.0	50.8	46.4	54.4	57.5
Russian Federation	100.0	84.5	49.4	36.7	27.1	25.1	19.6	17.7	15.5	16.8	19.6	22.0	22.6
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	19.6

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, 1991-2003
(Indices, 1989=100)

	1980	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Eastern Europe	82.0	100.0	70.7	58.5	54.2	56.7	60.8	64.0	66.4	67.0	66.6	71.8	74.8	77.3	82.2
Albania	77.0	100.0	50.4	35.2	31.7	25.8	23.9	18.1	18.6	22.7	26.1	29.2	23.4	25.9	28.0
Bosnia and Herzegovina	106.0	100.0	76.9	25.5	2.0	1.7	2.8	5.2	7.0	8.7	9.6	10.5	11.8	12.9	13.5
Bulgaria	71.3	100.0	66.4	54.2	48.8	54.0	56.4	59.3	48.4	44.3	40.8	44.1	44.8	45.1	51.4
Croatia	88.7	100.0	63.4	54.2	51.0	49.6	49.7	51.3	54.8	56.8	56.0	57.0	60.4	63.6	66.2
Czech Republic	81.5	100.0	75.7	69.8	66.1	67.4	73.3	74.8	78.1	79.4	76.9	81.1	86.4	90.5	95.6
Estonia	78.5	100.0	92.8	59.8	48.6	47.1	48.0	49.4	56.6	59.0	57.0	65.3	71.1	75.3	83.0
Hungary	92.9	100.0	74.0	66.8	69.5	76.2	79.7	82.4	91.5	103.0	113.7	134.3	139.1	142.7	150.6
Latvia	72.5	100.0	100.2	65.6	44.6	40.1	38.7	40.8	46.4	47.9	45.3	47.4	51.8	54.8	58.3
Lithuania	70.0	100.0	94.0	65.8	43.2	31.7	33.4	35.0	36.2	40.6	36.5	37.4	43.3	44.7	51.9
Poland	86.3	100.0	69.7	71.7	76.3	85.5	93.8	101.6	113.3	117.3	121.5	129.6	130.4	132.2	143.7
Romania	76.9	100.0	58.8	43.9	44.2	45.6	49.9	53.1	49.3	42.5	41.4	44.4	48.1	51.0	52.5
Serbia and Montenegro	80.0	100.0	72.5	57.0	35.7	36.2	37.6	40.4	44.2	45.8	35.2	39.2	39.2	39.9	38.7
Slovakia	76.7	100.0	75.9	68.6	66.1	69.3	75.1	76.9	77.9	80.9	79.3	85.9	92.5	98.7	103.6
Slovenia	90.3	100.0	78.4	68.1	66.1	70.4	71.8	72.5	73.2	75.9	75.6	80.2	82.6	84.6	85.7
The former Yugoslav Republic of Macedonia	72.1	100.0	74.0	62.3	53.7	48.0	42.9	44.3	45.0	47.0	45.8	47.4	45.9	43.5	46.3
CIS	73.6	100.0	92.7	76.8	66.7	51.9	49.0	47.5	48.5	46.9	51.2	57.3	61.1	64.0	69.4
Armenia	76.3	100.0	85.4	44.2	39.5	41.6	42.2	42.8	43.2	42.3	44.6	47.4	49.9	57.2	66.9
Azerbaijan	76.1	100.0	85.4	59.4	47.7	35.9	28.2	26.3	26.4	27.0	28.0	29.9	31.4	32.6	34.6
Belarus	61.1	100.0	101.1	91.8	83.2	71.0	62.7	64.9	77.1	86.7	95.6	103.0	109.1	114.0	121.8
Georgia	70.6	100.0	73.0	39.6	25.0	15.2	13.2	14.1	15.2	15.0	15.7	16.7	16.5	17.3	19.2
Kazakhstan	72.4	100.0	98.3	84.7	72.2	51.9	47.7	47.8	49.7	48.5	49.8	57.5	65.5	72.4	78.7
Kyrgyzstan	66.7	100.0	99.1	73.5	56.3	35.5	26.7	27.8	38.8	40.9	39.1	41.4	43.7	38.9	45.5
Republic of Moldova	68.7	100.0	91.7	66.9	67.1	48.5	46.6	43.6	43.6	37.0	32.7	35.3	40.1	44.4	51.5
Russian Federation	74.4	100.0	91.9	75.4	64.7	51.2	49.5	47.5	48.5	46.0	51.0	57.1	59.9	62.1	66.5
Tajikistan	72.9	100.0	97.6	73.9	68.1	50.8	43.9	33.4	32.7	35.4	37.4	41.1	47.2	51.1	56.3
Turkmenistan	75.4	100.0	108.2	92.0	95.7	72.1	67.5	81.0	63.1	64.4	74.1	84.4	93.7	103.1	113.4
Ukraine	72.6	100.0	95.1	89.0	81.9	59.5	52.4	49.7	49.6	49.1	51.0	57.8	66.0	70.6	81.8
Uzbekistan	68.5	100.0	103.3	96.4	99.9	101.5	101.6	104.2	108.5	112.4	118.8	125.8	135.4	146.9	156.0
Total above	76.3	100.0	85.8	71.0	62.8	53.4	52.7	52.7	54.1	53.2	56.1	61.8	65.4	68.2	73.4
<i>Memorandum items:</i>															
Baltic states	71.9	100.0	95.3	64.8	44.4	36.1	36.9	38.7	41.8	45.2	41.8	44.1	49.7	51.9	58.3
Central Europe	84.9	100.0	73.4	69.9	70.4	75.9	82.1	86.2	93.0	96.9	99.0	107.1	110.5	113.7	121.4
South-east Europe	80.6	100.0	64.4	46.0	39.3	40.2	42.8	45.3	43.0	39.9	37.6	40.3	42.4	44.3	46.2
CIS without Russian Federation	71.7	100.0	94.6	80.2	71.5	53.7	47.9	47.5	48.6	49.2	51.7	57.7	64.1	68.8	76.5
Caucasian CIS countries	74.3	100.0	81.2	51.3	39.3	29.6	24.6	23.8	24.3	24.5	25.5	27.2	28.2	29.9	32.6
Central Asian CIS countries	72.1	100.0	100.2	85.2	76.2	57.3	52.8	54.6	54.5	54.6	57.2	64.6	72.3	78.7	85.8
Three European CIS countries	70.3	100.0	96.1	88.8	81.6	61.3	54.1	52.4	54.5	55.7	58.7	65.5	73.2	77.8	88.2
Former GDR	75.2	100.0	37.0	34.7	34.9	38.1	39.9	41.7	44.6	48.2	51.7	57.2	59.4	61.8	64.4

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, 1985, 1989-2002
(Indices, 1989=100 or earliest year available thereafter)

	1980	1985	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe^a	95.1	98.6	100.0	97.2	93.0	87.6	84.7	84.2	83.7	86.8	87.8	88.3	86.7	85.3	84.7	81.6
Albania	77.9	90.1	100.0	99.2	97.5	76.0	72.7	80.7	80.4	77.5	76.9	75.4	74.0	74.2	63.9	63.9
Bosnia and Herzegovina .....	..	..	..	..	100.0	38.0	17.0	15.7	17.4	38.8	59.2	62.7	64.6	65.1	64.5	62.5
Bulgaria	100.0	102.2	100.0	93.9	81.6	75.0	73.8	74.3	75.2	75.3	72.3	72.2	70.7	68.3	68.0	68.2
Croatia	87.4	95.9	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	83.1
Czech Republic	95.3	97.5	100.0	99.1	93.6	91.2	89.7	90.4	92.8	93.4	91.6	90.4	88.1	87.9	88.2	87.8
Estonia .....	..	96.7	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	69.9
Hungary ^b	104.2	102.6	100.0	96.7	86.7	77.0	73.2	71.8	70.4	69.8	69.8	70.7	72.9	73.6	73.8	74.0
Latvia	97.0	99.1	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	70.3
Lithuania	93.4	97.7	100.0	97.3	99.7	97.5	93.4	88.0	86.4	87.2	87.7	87.0	86.6	73.4	71.0	73.9
Poland	102.0	100.8	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	85.8
Romania ^c	94.6	96.7	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	84.4
Serbia and Montenegro	83.4	93.7	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	79.0
Slovakia ^d	90.8	96.4	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	84.9
Slovenia ^e	84.0	88.9	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	82.8
The former Yugoslav Republic of Macedonia	81.2	95.2	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	54.2
CIS	93.8	97.3	100.0	100.2	98.8	96.6	94.2	91.4	90.2	89.7	88.3	87.3	87.0	..	..	..
Armenia	86.6	97.2	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	80.5
Azerbaijan	62.7	71.4	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	101.5
Belarus	95.4	98.4	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	84.3
Georgia	92.7	98.8	100.0	102.3	93.3	73.5	66.4	64.8	64.1	75.4	68.4	64.1	64.2	68.1	69.5	68.1
Kazakhstan	86.2	92.6	100.0	101.3	100.1	98.3	89.9	85.4	85.0	84.6	84.0	79.5	79.2	80.5	86.9	87.1
Kyrgyzstan	81.9	92.8	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	104.3
Republic of Moldova ^f	97.3	99.5	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	72.0
Russian Federation	96.9	99.1	100.0	99.6	97.7	95.3	93.7	90.6	87.8	87.2	85.6	84.4	84.6	85.1	85.6	86.5
Tajikistan	76.7	89.5	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	98.9
Turkmenistan	79.8	93.7	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	100.7	100.0	100.0	98.3	96.4	94.2	90.6	93.3	91.4	88.9	87.9	85.9	83.7	82.7	84.1
Uzbekistan	75.4	86.8	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	97.7	100.0	99.3	97.1	93.9	91.4	89.3	88.3	88.9	88.2	87.6	86.9	..	..	..
<i>Memorandum items:</i>																
Baltic states	75.8	98.0	100.0	98.5	98.9	94.3	88.8	82.8	80.1	77.8	79.0	78.3	77.0	70.2	69.7	71.8
Central Europe	99.7	99.8	100.0	96.7	89.8	85.6	83.6	83.5	84.7	85.8	86.8	87.9	86.3	85.2	85.1	84.0
South-east Europe^a	92.3	96.9	100.0	97.6	96.5	89.2	85.6	85.5	82.9	89.9	90.9	90.8	89.2	88.2	87.0	80.1
CIS without Russian Federation	89.9	95.0	100.0	101.0	100.3	98.1	94.8	92.4	93.2	92.8	91.7	90.8	89.9	..	..	..
Caucasian CIS countries	77.6	85.8	100.0	101.7	99.5	91.5	88.6	86.3	85.7	89.9	86.8	85.0	84.6	85.7	86.1	86.0
Central Asian CIS countries	80.5	90.2	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	100.2	100.0	99.8	98.1	96.1	93.1	89.9	91.1	89.4	87.5	86.8	84.9	83.2	82.3	83.4

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

^a Excluding: Bosnia and Herzegovina (up to 1990); Estonia (1980-1984).

^b End of year, up to 1991; annual average, 1992 onwards.

^c End of year, up to 1995; annual average, labour force survey data, 1996 onwards.

^d End of year, up to 1993; annual average, 1994 onwards.

^e Self-employed excluded until 1987.

^f Excluding Transdniestria since 1993.

APPENDIX TABLE B.6

Employment in industry in eastern Europe and the CIS, 1990-2002
(Indices, 1989=100 or earliest year available thereafter)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe ^a	95.6	88.0	78.7	73.7	71.4	69.7	70.5	69.7	68.6	64.9	62.0	61.0	59.4
Albania .....	..	..	..	..	100.0	85.6	76.9	79.8	75.6	74.1	52.6	66.6	63.1
Bosnia and Herzegovina .....	..	100.0	38.7	13.7	15.2	31.1	36.5	44.5	47.9	48.0	48.0	45.7	44.7
Bulgaria	91.0	74.7	64.8	59.5	57.3	56.0	55.4	53.0	50.8	46.1	43.5	42.9	43.0
Croatia	102.4	84.8	70.3	70.4	67.3	59.5	59.0	56.6	60.0	58.3	56.7	55.9	55.8
Czech Republic	95.8	92.2	85.1	80.9	76.6	77.0	76.4	76.1	74.9	72.5	71.4	72.0	70.6
Estonia	99.0	94.8	87.0	73.6	69.5	74.2	70.3	65.2	63.7	59.9	61.5	61.6	58.7
Hungary	97.0	85.4	77.3	69.1	66.0	62.5	61.9	63.0	65.9	66.4	65.6	66.8	66.8
Latvia	97.0	92.1	81.4	69.0	56.3	53.1	51.1	50.9	51.6	47.9	47.9	46.2	47.9
Lithuania	96.7	99.0	91.4	78.0	64.5	59.5	57.0	57.1	56.5	55.7	49.6	48.0	50.1
Poland	93.7	86.1	76.7	74.4	73.8	76.2	75.6	75.8	75.0	69.5	65.3	62.8	59.6
Romania ^b	96.5	91.6	79.5	73.0	69.4	65.4	71.7	69.9	66.3	62.0	58.1	57.2	55.7
Serbia and Montenegro	100.9	92.1	87.2	85.0	82.7	80.6	78.8	76.3	77.8	70.5	67.1	64.8	60.2
Slovakia	95.7	88.2	78.7	74.0	71.7	71.6	71.6	70.2	67.3	65.4	63.3	63.9	64.1
Slovenia	95.1	85.2	84.6	78.1	75.1	72.2	71.5	68.5	67.8	66.7	66.3	66.7	67.3
The former Yugoslav Republic of Macedonia	95.3	87.3	81.6	77.5	72.9	63.1	59.0	54.4	52.5	55.4	52.9	56.6	51.3
CIS	100.0	98.3	93.3	89.4	80.4	74.3	70.3	64.7	62.3	61.5	..	..	..
Armenia	102.6	95.0	84.0	75.2	73.7	62.8	52.9	47.5	43.4	40.5	37.3	35.2	35.6
Azerbaijan	97.1	94.9	88.9	81.1	77.4	72.9	58.6	50.1	52.0	53.6	51.6	51.1	52.1
Belarus	98.6	96.9	92.1	88.5	84.4	75.2	74.4	74.5	75.5	76.2	75.9	75.0	72.4
Georgia	104.2	92.6	66.0	56.5	51.6	46.8	33.6	30.8	28.1	25.7	27.3	25.9	21.8
Kazakhstan	98.5	99.9	96.2	83.6	76.9	69.6	66.9	59.0	57.8	57.9	54.7	53.1	52.7
Kyrgyzstan	99.9	92.7	89.5	80.5	72.0	61.2	54.6	51.2	50.1	47.4	44.0	43.8	43.4
Republic of Moldova ^c	102.4	95.1	93.1	55.0	52.1	44.7	43.8	42.9	40.8	35.9	36.1	37.0	38.4
Russian Federation	100.7	98.9	94.1	91.8	82.0	75.7	72.2	65.8	62.5	63.1	64.2	64.8	64.1
Tajikistan	102.5	100.8	98.2	86.1	81.9	71.9	71.1	62.5	60.1	52.2	47.7	48.2	47.9
Turkmenistan	104.2	100.8	101.0	110.7	110.5	115.4	119.9	132.9	150.2	152.9	..	..	..
Ukraine	98.1	97.3	92.7	87.9	78.3	72.2	66.8	61.2	59.3	54.4	51.3	56.2	55.0
Uzbekistan	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	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	97.2	95.9	87.3	74.2	62.8	60.3	57.7	56.7	56.3	54.0	51.4	50.1	51.1
Central Europe	94.9	87.5	79.1	75.1	73.0	73.6	73.1	73.1	72.6	69.2	66.5	65.7	63.8
South-east Europe ^a	96.4	91.1	78.3	72.3	70.7	67.5	70.4	68.6	66.7	62.2	58.6	57.8	56.1
CIS without Russian Federation	99.1	97.3	92.1	85.7	78.1	72.0	67.5	63.0	62.0	59.1	..	..	..
Caucasian CIS countries	101.4	94.1	79.2	70.4	67.0	60.3	47.8	42.4	40.7	39.4	38.3	37.0	36.0
Central Asian CIS countries	100.2	99.2	96.1	89.7	82.8	78.7	77.4	73.5	73.6	73.2	..	..	..
Three European CIS countries	98.4	97.2	92.6	86.6	78.1	71.5	67.0	62.5	61.1	57.1	54.6	58.4	57.0

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 1995; since 1996, annual average, labour force survey data.

^c Excluding Transnistria since 1993.

APPENDIX TABLE B.7

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

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Eastern Europe .....	..	..	11.7	13.4	13.1	12.3	11.7	11.5	12.3	14.3	14.8	15.3	15.5	..
Albania	9.5	9.2	27.0	22.0	18.0	12.9	12.3	14.9	17.6	18.2	16.9	14.6	15.8	..
Bosnia and Herzegovina .....	..	..	..	..	..	..	..	39.0	38.7	39.0	39.4	39.9	42.7	..
Bulgaria	1.8	11.1	15.3	16.4	12.8	11.1	12.5	13.7	12.2	16.0	17.9	17.9	16.3	13.5
Croatia .....	..	14.1	17.8	16.6	17.3	17.6	15.9	17.6	18.6	20.8	22.6	23.1	21.3	19.1
Czech Republic	0.7	4.1	2.6	3.5	3.2	2.9	3.5	5.2	7.5	9.4	8.8	8.9	9.8	10.3
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	8.0	..
Latvia .....	..	..	2.3	5.8	6.5	6.6	7.2	7.0	9.2	9.1	7.8	7.7	8.5	..
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	18.0
Romania	1.3	3.0	8.2	10.4	10.9	9.5	6.6	8.8	10.3	11.5	10.5	8.8	8.4	..
Serbia and Montenegro ^b .....	..	21.0	24.6	24.0	23.9	24.7	26.1	25.6	27.2	27.4	26.6	22.5	25*	..
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	17.4	15.6
Slovenia .....	..	10.1	13.3	15.5	14.2	14.5	14.4	14.8	14.6	13.0	12.0	11.8	11.3	..
The former Yugoslav Republic of Macedonia .....	..	24.5	26.2	27.7	30.0	36.6	38.8	41.7	32.3	44.0	45.1	41.8	45.3	45.3
CIS .....	..	..	2.7	3.8	4.6	5.8	6.6	7.6	9.0	8.3	7.1	6.4	6.5	..
Armenia .....	..	..	3.5	6.3	6.0	8.1	9.7	11.0	8.9	11.5	10.9	9.8	9.1	9.8
Azerbaijan .....	..	..	0.2	0.7	0.9	1.1	1.1	1.3	1.4	1.2	1.2	1.3	1.3	1.4
Belarus .....	..	..	0.5	1.3	2.1	2.7	4.0	2.8	2.3	2.0	2.1	2.3	3.0	3.1
Georgia .....	..	..	0.3	2.0	3.8	3.4	3.2	8.0	4.2	5.6	..	..	..	..
Kazakhstan .....	..	..	0.4	0.6	1.0	2.1	4.1	3.9	3.7	3.9	3.7	2.8	2.6	1.8
Kyrgyzstan .....	..	..	0.1	0.2	0.8	3.0	4.5	3.1	3.1	3.0	3.1	3.1	3.1	3.0
Republic of Moldova .....	..	..	0.7	0.7	1.0	1.4	1.5	1.7	1.9	2.1	1.8	1.7	1.5	1.2
Russian Federation ^c .....	..	..	5.2	6.1	7.8	9.0	10.0	11.2	13.3	12.2	9.8	8.7	8.8	..
Tajikistan .....	..	..	0.4	1.1	1.8	1.8	2.4	2.8	2.9	3.1	3.0	2.6	2.7	2.4
Turkmenistan .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine .....	..	..	0.3	0.4	0.3	0.6	1.5	2.8	4.3	4.3	4.2	3.7	3.8	3.6
Uzbekistan .....	..	..	0.1	0.2	0.3	0.3	0.3	0.3	0.4	0.5	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	9.4	..
Central Europe .....	..	9.7	11.3	13.3	12.9	12.0	11.2	9.8	10.3	12.5	13.4	14.7	15.1	..
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	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	2.3
Former GDR .....	..	..	13.5	15.4	13.5	14.9	15.9	19.4	17.4	17.7	17.2	17.6	18.4	17.9

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 Goskomstat'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, 1990-2003
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Albania .....	..	35.5	193.1	85.0	21.5	8.0	12.7	33.1	20.3	-0.1	-	3.1	5.3	2.7
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	0.9	0.2
Bulgaria	23.8	338.5	91.3	72.8	96.0	62.1	121.6	1 058.4	18.7	2.6	10.3	7.4	5.8	2.3
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	2.2
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	0.2
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	1.1
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	4.9
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	3.0
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	-1.2
Poland	585.8	70.3	45.3	36.9	33.2	28.1	19.8	15.1	11.7	7.4	10.2	5.5	1.9	0.7
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	15.4
Serbia and Montenegro	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	9.6
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	8.5
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	5.7
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	2.3	1.1
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	4.7
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	2.1
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	28.5
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	4.9
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	6.6
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	3.0
Republic of Moldova	5.7	114.4	1 308.0	1 751.0	486.4	29.9	23.5	11.8	7.7	39.3	31.3	9.8	5.3	11.7
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	13.6
Tajikistan	5.9	112.9	822.0	2 884.8	350.3	682.1	422.4	85.4	43.1	27.5	32.9	38.6	12.2	16.3
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	5.2
Uzbekistan	5.8	97.3	414.5	1 231.8	1 550.0	76.5	54.0	58.8	17.7	29.0	24.9	..	..	..

Source: UNECE Common Database, derived from national statistics.

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

APPENDIX TABLE B.9

Producer price indices in eastern Europe and the CIS, 1990-2003
(Annual average, percentage change over preceding year)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Albania .....	..	..	..	..	..	..	..	..	..	..	4.9	-5.4	6.4	..
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	0.7	2.6
Bulgaria	14.7	296.4	56.1	28.3	59.1	50.7	132.7	971.0	16.6	3.3	17.0	3.6	1.3	..
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	1.9
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	-1.6
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	0.2
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	-1.1	2.5
Latvia .....	..	192.0	1 310.0	117.1	17.0	12.0	13.8	4.3	2.0	-4.0	0.8	1.6	1.0	3.2
Lithuania .....	..	148.2	1 510.0	391.7	44.7	28.7	16.5	6.0	-3.8	1.7	15.8	-2.9	-2.8	-0.2
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	2.7
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	24.6	..
Serbia and Montenegro ...	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	5.8
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	8.2
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	2.6
The former Yugoslav Republic of Macedonia ...	394.0	112.0	2 193.5	258.6	88.6	4.7	-	4.0	3.5	-	9.1	2.7	-0.6	-
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	3.6	3.7
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	18.6
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	71.7	40.6	37.6
Georgia .....	..	..	..	..	..	..	..	..	2.2	15.5	5.8	3.6	6.0	2.6
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	9.5
Kyrgyzstan .....	..	160.0	1 664.0	831.0	72.9	34.0	29.1	27.1	8.7	52.0	29.8	9.1	5.7	8.0
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	8.0	8.4
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	11.8	15.6
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	9.1	15.3
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	7.8
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), and Serbia and Montenegro and Turkmenistan (from 1995).

APPENDIX TABLE B.10

Nominal gross wages in industry in eastern Europe and the CIS, 1990-2002
(Annual average, percentage change over preceding year)^a

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Albania ^b .....	..	..	145.3	73.0	54.9	34.1	34.8	10.7	20.4	10.4	17.7	15.1	14.2
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	5.5
Estonia ^d .....	..	122.2	570.3	93.3	72.2	35.7	23.5	19.6	9.9	4.7	15.9	7.9	10.0
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	12.6
Latvia .....	..	104.5	609.8	112.0	60.0	24.1	14.9	21.6	6.5	4.0	3.2	4.9	6.3
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	10.5	9.6	6.8	3.2
Romania ^c	9.7	125.0	173.5	204.2	135.6	54.7	53.9	98.1	57.9	42.0	43.4	39.8	23.1
Serbia and Montenegro ^c	400.0	100.6	4 886.4	-62.5	229.6	74.1	74.5	41.7	39.6	24.6	113.5	..	..
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	7.3
Slovenia	361.5	69.7	194.6	45.1	27.1	17.1	14.0	12.0	10.7	9.3	11.6	10.9	9.9
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	..	..
Armenia	5.9	31.8	352.3	739.1	3 640.2	210.9	62.3	41.7	20.5	15.2	19.5	22.3	13.5
Azerbaijan	4.4	82.9	870.4	700.8	575.7	354.8	53.0	58.2	19.8	18.1	33.3	..	..
Belarus	14.1	112.1	910.9	1 073.8	69.6	618.7	58.5	96.8	109.4	323.9	197.1	101.8	48.5
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	15.3	10.4
Kyrgyzstan	0.5	62.1	773.1	615.1	176.3	54.8	29.1	60.3	20.0	43.2	0.9	18.1	20.7
Republic of Moldova	14.2	90.1	815.0	773.0	284.4	43.8	32.2	24.9	16.6	22.5	31.8	20.9	21.2
Russian Federation	13.0	94.9	1 065.7	798.2	260.2	131.4	64.3	21.6	14.3	52.2	48.8	46.8	31.4
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	28.6	75.7	53.0	..
Ukraine	39.0	107.9	1 419.0	2 286.1	737.8	408.5	71.5	13.5	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. Hungary for 1990-1992, Slovakia for 1990-1991.

^c Net wages in industry. Poland (for 1990-1992).

^d Manufacturing for 1991-1993.

APPENDIX TABLE B.11

Merchandise exports of eastern Europe and the CIS, 1992-2002
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe	61.472	66.872	77.261	100.621	107.084	115.895	127.933	125.527	141.886	157.275	178.809
Albania	0.072	0.123	0.139	0.202	0.213	0.137	0.207	0.352	0.260	0.305	0.330
Bosnia and Herzegovina .....	..	..	..	0.024	0.058	0.193	0.352	0.518	0.675	0.752	0.733
Bulgaria	3.992	3.769	3.935	5.345	4.890	4.940	4.194	4.006	4.825	5.113	5.688
Croatia	4.353	3.709	4.260	4.633	4.512	4.171	4.541	4.302	4.432	4.666	4.899
Czech Republic	8.767	14.463	15.882	21.273	22.180	22.779	26.351	26.265	29.052	33.397	38.402
Estonia	0.444	0.802	1.305	1.838	2.079	2.934	3.236	2.938	3.176	3.307	3.423
Hungary	10.681	8.921	10.701	12.867	15.704	19.100	23.005	25.012	28.092	30.498	34.337
Latvia	0.843	1.401	0.988	1.304	1.443	1.673	1.812	1.723	1.865	2.001	2.279
Lithuania	0.852	1.994	2.031	2.705	3.355	3.860	3.711	3.004	3.809	4.583	5.518
Poland	13.187	14.202	17.240	22.887	24.440	25.756	28.229	27.407	31.651	36.085	41.010
Romania	4.363	4.892	6.151	7.910	8.085	8.431	8.302	8.487	10.367	11.385	13.869
Serbia and Montenegro	2.539	..	..	1.531	1.846	2.677	2.858	1.498	1.723	1.903	2.275
Slovakia	3.500	5.458	6.714	8.585	8.822	9.640	10.775	10.277	11.908	12.704	14.532
Slovenia	6.681	6.083	6.828	8.316	8.310	8.369	9.050	8.546	8.732	9.252	10.357
The former Yugoslav Republic of Macedonia	1.199	1.055	1.086	1.204	1.147	1.237	1.311	1.191	1.319	1.323	1.158
CIS total .....	..	..	90.929	113.172	125.647	123.181	106.160	106.030	145.928	144.460	153.054
<i>of which: non-CIS</i>	51.242	52.547	61.751	79.800	88.922	86.539	76.657	83.146	116.681	113.803	122.395
Armenia .....	..	0.156	0.216	0.271	0.290	0.233	0.221	0.232	0.301	0.342	0.507
Non-CIS	0.026	0.029	0.058	0.101	0.162	0.138	0.140	0.175	0.227	0.253	0.409
Azerbaijan	1.484	0.725	0.653	0.637	0.631	0.781	0.606	0.929	1.745	2.314	2.168
Non-CIS	0.754	0.351	0.378	0.352	0.341	0.403	0.374	0.718	1.510	2.091	1.924
Belarus .....	..	..	2.510	4.707	5.652	7.301	7.070	5.909	7.331	7.448	8.098
Non-CIS	1.194	0.789	1.031	1.777	1.888	1.922	1.910	2.287	2.927	2.957	3.637
Georgia .....	..	..	0.156	0.154	0.199	0.240	0.193	0.238	0.330	0.320	0.325
Non-CIS	0.068	0.069	0.039	0.057	0.070	0.102	0.085	0.131	0.198	0.176	0.167
Kazakhstan .....	..	..	3.231	5.250	5.911	6.497	5.436	5.592	9.126	8.648	9.709
Non-CIS	1.398	1.501	1.357	2.366	2.732	3.515	3.266	4.100	6.750	6.016	7.486
Kyrgyzstan	0.317	0.396	0.340	0.409	0.505	0.604	0.514	0.454	0.505	0.476	0.488
Non-CIS	0.077	0.112	0.117	0.140	0.112	0.285	0.283	0.271	0.297	0.308	0.319
Republic of Moldova	0.470	0.483	0.565	0.746	0.795	0.875	0.632	0.464	0.472	0.570	0.666
Non-CIS	0.166	0.178	0.159	0.279	0.252	0.267	0.203	0.211	0.196	0.223	0.306
Russian Federation ^a .....	..	..	67.800	82.419	90.600	86.895	74.444	75.551	105.033	101.615	106.900
Non-CIS	42.376	44.297	52.100	65.400	72.000	67.800	58.700	63.600	90.800	86.400	90.700
Tajikistan	0.193	0.350	0.492	0.749	0.770	0.746	0.597	0.689	0.784	0.652	0.736
Non-CIS	0.109	0.227	0.399	0.497	0.439	0.473	0.394	0.374	0.411	0.440	0.549
Turkmenistan .....	..	..	2.145	1.881	1.682	0.751	0.594	1.190	2.500	2.700	2.850
Non-CIS	0.908	1.049	0.494	0.951	0.610	0.300	0.442	0.700	1.200	1.300	1.370
Ukraine	7.415	7.817	10.272	13.128	14.401	14.232	12.637	11.582	14.573	16.265	17.957
Non-CIS	3.297	3.223	4.653	6.168	6.996	8.646	8.435	8.329	10.075	11.589	13.580
Uzbekistan .....	..	..	2.549	2.821	4.211	4.026	3.218	3.200	3.230	3.110	2.650
Non-CIS	0.869	0.721	0.966	1.712	3.321	2.689	2.425	2.250	2.090	2.050	1.950
Total above .....	..	..	168.190	213.793	232.730	239.076	234.093	231.557	287.814	301.734	331.863
<i>Memorandum items:</i>											
Baltic states	2.139	4.197	4.324	5.846	6.877	8.467	8.759	7.665	8.851	9.891	11.221
Central Europe	42.816	49.127	57.365	73.928	79.456	85.644	97.410	97.508	109.436	121.937	138.637
South-east Europe .....	..	..	..	20.848	20.751	21.785	21.764	20.355	23.599	25.447	28.951
CIS without Russian Federation .....	..	..	23.129	30.753	35.047	36.286	31.716	30.479	40.895	42.845	46.154
Caucasian CIS countries .....	..	..	1.025	1.062	1.120	1.253	1.019	1.399	2.376	2.976	3.000
Central Asian CIS countries .....	..	..	8.757	11.110	13.079	12.625	10.358	11.125	16.145	15.586	16.433
Three European CIS countries .....	..	..	13.347	18.581	20.848	22.408	20.339	17.955	22.375	24.283	26.721

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

APPENDIX TABLE B.12

Merchandise imports of eastern Europe and the CIS, 1992-2002
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe	70.190	80.386	91.379	125.033	145.996	159.004	173.259	167.558	185.473	202.087	226.270
Albania	0.524	0.421	0.549	0.650	0.913	0.620	0.795	0.903	1.059	1.317	1.489
Bosnia and Herzegovina .....	..	..	..	0.524	1.204	1.555	2.120	2.431	2.290	2.463	2.758
Bulgaria	4.530	5.120	4.272	5.638	5.074	4.932	4.957	5.515	6.507	7.261	7.897
Croatia	4.346	4.166	5.229	7.510	7.788	9.104	8.383	7.799	7.887	9.147	10.713
Czech Republic	10.368	14.617	17.427	25.265	27.919	27.563	28.789	28.126	32.183	36.472	40.757
Estonia	0.406	0.896	1.659	2.540	3.231	4.441	4.786	4.108	4.256	4.291	4.779
Hungary	11.123	12.648	14.554	15.466	18.144	21.234	25.706	28.008	32.080	33.682	37.612
Latvia	0.794	0.961	1.240	1.818	2.320	2.724	3.189	2.946	3.189	3.507	4.040
Lithuania	0.602	2.244	2.352	3.649	4.559	5.644	5.794	4.834	5.457	6.353	7.768
Poland	16.141	18.758	21.566	29.043	37.137	42.314	47.054	45.911	48.940	50.275	55.113
Romania	6.260	6.522	7.109	10.278	11.435	11.280	11.838	10.557	13.055	15.552	17.857
Serbia and Montenegro	3.859	..	..	2.665	4.113	4.826	4.830	3.296	3.711	4.837	6.320
Slovakia	3.889	6.332	6.634	8.777	11.112	11.622	13.006	11.265	12.660	14.689	16.544
Slovenia	6.141	6.501	7.304	9.492	9.421	9.367	10.098	10.083	10.116	10.148	10.929
The former Yugoslav Republic of Macedonia	1.206	1.199	1.484	1.719	1.627	1.779	1.915	1.776	2.085	2.094	1.694
CIS: total .....	..	..	74.976	95.470	107.587	112.731	95.162	70.542	81.786	94.389	103.251
<i>of which: non-CIS</i>	42.297	33.696	44.899	56.861	63.607	71.815	61.760	44.571	47.881	59.481	68.582
Armenia .....	..	0.255	0.394	0.674	0.856	0.892	0.902	0.811	0.885	0.877	0.991
Non-CIS	0.050	0.087	0.188	0.340	0.578	0.593	0.672	0.624	0.711	0.659	0.685
Azerbaijan	0.940	0.629	0.778	0.668	0.961	0.794	1.077	1.036	1.172	1.431	1.665
Non-CIS	0.333	0.241	0.292	0.440	0.621	0.443	0.673	0.711	0.797	0.986	1.015
Belarus .....	..	..	3.066	5.564	6.939	8.689	8.549	6.674	8.574	8.178	8.980
Non-CIS	0.843	1.119	0.974	1.887	2.369	2.872	2.995	2.385	2.551	2.472	2.764
Georgia .....	..	..	0.338	0.385	0.687	0.944	0.884	0.602	0.651	0.679	0.720
Non-CIS	0.228	0.167	0.066	0.231	0.417	0.603	0.617	0.377	0.423	0.428	0.441
Kazakhstan .....	..	..	3.561	3.807	4.241	4.301	4.350	3.687	5.051	6.363	6.491
Non-CIS	0.469	0.494	1.384	1.154	1.295	1.969	2.290	2.089	2.295	3.057	3.460
Kyrgyzstan	0.421	0.448	0.317	0.522	0.838	0.709	0.842	0.600	0.554	0.467	0.587
Non-CIS	0.071	0.112	0.107	0.168	0.351	0.273	0.401	0.341	0.256	0.210	0.264
Republic of Moldova	0.640	0.628	0.659	0.841	1.072	1.172	1.024	0.587	0.776	0.897	1.052
Non-CIS	0.179	0.184	0.183	0.272	0.420	0.567	0.584	0.345	0.517	0.557	0.641
Russian Federation ^a .....	..	..	50.500	62.603	68.000	71.983	58.015	39.537	44.862	53.764	60.500
Non-CIS	36.984	26.807	36.500	44.300	47.200	53.400	43.700	29.200	31.400	40.700	48.200
Tajikistan	0.254	0.630	0.547	0.810	0.668	0.750	0.711	0.663	0.675	0.688	0.718
Non-CIS	0.132	0.374	0.314	0.332	0.285	0.268	0.265	0.148	0.115	0.150	0.173
Turkmenistan .....	..	..	1.468	1.364	1.011	1.183	1.008	1.500	1.780	2.250	2.120
Non-CIS	0.030	0.501	0.782	0.619	0.450	0.531	0.530	1.000	1.100	1.400	1.380
Ukraine	6.892	9.533	10.745	15.484	17.603	17.128	14.676	11.846	13.956	15.775	16.977
Non-CIS	2.049	2.652	2.907	5.488	6.427	7.249	6.779	5.103	5.916	6.943	8.009
Uzbekistan .....	..	..	2.603	2.748	4.712	4.186	3.125	3.000	2.850	3.020	2.450
Non-CIS	0.929	0.958	1.202	1.630	3.195	3.047	2.256	2.250	1.800	1.920	1.550
Total above .....	..	..	166.355	220.503	253.584	271.735	268.421	238.100	267.259	296.476	329.520
<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	16.587
Central Europe	47.663	58.856	67.485	88.043	103.733	112.100	124.653	123.393	135.979	145.266	160.954
South-east Europe .....	..	..	..	28.984	32.154	34.095	34.838	32.276	36.593	42.670	48.728
CIS without Russian Federation .....	..	..	24.476	32.867	39.587	40.748	37.147	31.005	36.924	40.625	42.751
Caucasian CIS countries .....	..	..	1.510	1.727	2.503	2.630	2.864	2.449	2.708	2.987	3.377
Central Asian CIS countries .....	..	..	8.496	9.251	11.470	11.129	10.034	9.449	10.910	12.788	12.365
Three European CIS countries .....	..	..	14.470	21.889	25.614	26.989	24.249	19.107	23.307	24.850	27.009

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

APPENDIX TABLE B.13

Balance of merchandise trade of eastern Europe and the CIS, 1992-2002
(Billion dollars)

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe	-8.718	-13.514	-14.118	-24.411	-38.913	-43.109	-45.327	-42.031	-43.587	-44.812	-47.460
Albania	-0.452	-0.298	-0.410	-0.448	-0.701	-0.483	-0.589	-0.551	-0.800	-1.012	-1.159
Bosnia and Herzegovina .....	..	..	..	-0.500	-1.146	-1.362	-1.768	-1.913	-1.615	-1.710	-2.024
Bulgaria	-0.538	-1.352	-0.336	-0.294	-0.184	0.008	-0.763	-1.509	-1.683	-2.148	-2.209
Croatia	0.007	-0.457	-0.969	-2.877	-3.276	-4.933	-3.842	-3.496	-3.455	-4.481	-5.815
Czech Republic	-1.601	-0.154	-1.545	-3.992	-5.739	-4.784	-2.438	-1.861	-3.131	-3.075	-2.355
Estonia	0.038	-0.094	-0.353	-0.702	-1.152	-1.507	-1.550	-1.170	-1.079	-0.984	-1.356
Hungary	-0.442	-3.727	-3.853	-2.599	-2.440	-2.134	-2.701	-2.996	-3.988	-3.184	-3.275
Latvia	0.049	0.440	-0.252	-0.515	-0.877	-1.051	-1.377	-1.223	-1.323	-1.506	-1.761
Lithuania	0.250	-0.250	-0.322	-0.944	-1.204	-1.784	-2.083	-1.831	-1.647	-1.770	-2.250
Poland	-2.955	-4.555	-4.326	-6.156	-12.697	-16.558	-18.825	-18.504	-17.289	-14.190	-14.103
Romania	-1.897	-1.630	-0.958	-2.368	-3.351	-2.849	-3.536	-2.070	-2.688	-4.167	-3.988
Serbia and Montenegro	-1.320	..	..	-1.134	-2.267	-2.149	-1.972	-1.798	-1.988	-2.934	-4.045
Slovakia	-0.389	-0.874	0.080	-0.192	-2.290	-1.983	-2.231	-0.988	-0.752	-1.985	-2.012
Slovenia	0.540	-0.418	-0.476	-1.176	-1.111	-0.998	-1.048	-1.537	-1.384	-0.895	-0.572
The former Yugoslav Republic of Macedonia	-0.007	-0.144	-0.398	-0.515	-0.480	-0.542	-0.604	-0.585	-0.766	-0.771	-0.536
CIS: total .....	..	..	15.953	17.702	18.059	10.450	10.999	35.488	64.142	50.071	49.803
<i>of which: non-CIS</i>	8.945	18.851	16.852	22.939	25.315	14.725	14.897	38.575	68.800	54.321	53.814
Armenia .....	..	-0.099	-0.178	-0.403	-0.566	-0.660	-0.682	-0.580	-0.584	-0.536	-0.484
Non-CIS	-0.024	-0.058	-0.130	-0.239	-0.416	-0.455	-0.532	-0.449	-0.484	-0.406	-0.276
Azerbaijan	0.544	0.096	-0.125	-0.031	-0.330	-0.013	-0.471	-0.107	0.573	0.883	0.502
Non-CIS	0.421	0.110	0.086	-0.088	-0.280	-0.040	-0.299	0.007	0.713	1.106	0.909
Belarus .....	..	..	-0.556	-0.857	-1.287	-1.388	-1.480	-0.765	-1.244	-0.730	-0.882
Non-CIS	0.351	-0.330	0.057	-0.110	-0.481	-0.950	-1.085	-0.098	0.376	0.485	0.872
Georgia .....	..	..	-0.182	-0.231	-0.488	-0.704	-0.692	-0.364	-0.321	-0.359	-0.395
Non-CIS	-0.160	-0.098	-0.027	-0.174	-0.347	-0.501	-0.532	-0.246	-0.226	-0.252	-0.274
Kazakhstan .....	..	..	-0.330	1.443	1.670	2.196	1.086	1.906	4.075	2.285	3.219
Non-CIS	0.929	1.007	-0.027	1.212	1.437	1.547	0.976	2.011	4.456	2.958	4.026
Kyrgyzstan	-0.104	-0.052	0.023	-0.113	-0.333	-0.105	-0.328	-0.146	-0.050	0.009	-0.099
Non-CIS	0.005	-	0.010	-0.028	-0.239	0.012	-0.118	-0.070	0.041	0.097	0.055
Republic of Moldova	-0.170	-0.145	-0.094	-0.095	-0.277	-0.297	-0.392	-0.123	-0.305	-0.327	-0.386
Non-CIS	-0.013	-0.006	-0.024	0.007	-0.168	-0.300	-0.381	-0.134	-0.321	-0.333	-0.335
Russian Federation ^a .....	..	..	17.300	19.816	22.600	14.912	16.429	36.014	60.171	47.851	46.400
Non-CIS	5.392	17.490	15.600	21.100	24.800	14.400	15.000	34.400	59.400	45.700	42.500
Tajikistan	-0.061	-0.280	-0.055	-0.061	0.102	-0.004	-0.114	0.026	0.109	-0.036	0.018
Non-CIS	-0.023	-0.147	0.085	0.165	0.154	0.205	0.129	0.225	0.295	0.290	0.376
Turkmenistan .....	..	..	0.677	0.517	0.670	-0.432	-0.414	-0.310	0.720	0.450	0.730
Non-CIS	0.878	0.548	-0.288	0.332	0.160	-0.231	-0.088	-0.300	0.100	-0.100	-0.010
Ukraine	0.523	-1.716	-0.473	-2.356	-3.202	-2.896	-2.038	-0.265	0.617	0.490	0.980
Non-CIS	1.248	0.571	1.746	0.680	0.569	1.397	1.657	3.227	4.159	4.646	5.571
Uzbekistan .....	..	..	-0.054	0.073	-0.501	-0.159	0.093	0.200	0.380	0.090	0.200
Non-CIS	-0.060	-0.237	-0.236	0.082	0.126	-0.358	0.169	-	0.290	0.130	0.400
Total above .....	..	..	1.835	-6.709	-20.853	-32.659	-34.328	-6.543	20.555	5.259	2.343
<i>Memorandum items:</i>											
Baltic states	0.337	0.096	-0.927	-2.160	-3.232	-4.343	-5.009	-4.224	-4.050	-4.260	-5.367
Central Europe	-4.847	-9.729	-10.120	-14.115	-24.277	-26.456	-27.243	-25.885	-26.543	-23.329	-22.317
South-east Europe .....	..	..	..	-8.136	-11.403	-12.311	-13.074	-11.922	-12.994	-17.223	-19.777
CIS without Russian Federation .....	..	..	-1.347	-2.114	-4.541	-4.462	-5.430	-0.526	3.971	2.220	3.403
Caucasian CIS countries .....	..	..	-0.485	-0.665	-1.383	-1.377	-1.845	-1.050	-0.332	-0.011	-0.377
Central Asian CIS countries .....	..	..	0.261	1.859	1.608	1.496	0.324	1.675	5.235	2.798	4.068
Three European CIS countries .....	..	..	-1.123	-3.308	-4.766	-4.581	-3.909	-1.152	-0.932	-0.567	-0.288

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

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
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	21.4	21.3
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	4.7	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	16.7
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	73.1	72.9	72.7
Developing economies	15.8	12.4	11.7	14.0	11.8	9.6	8.8	8.0	7.8	7.0	5.8	6.2	5.7	6.0
<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	22.1
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	10.8	9.7
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	12.2	12.4
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	66.7	66.3	65.4
Developing economies	19.3	20.1	16.1	10.9	8.9	8.6	8.5	9.1	10.2	9.8	9.7	9.7	10.7	12.5
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	19.3	17.5
Developed market economies	42.2	49.5	56.5	57.9	59.7	66.6	60.6	58.1	58.6	60.0	57.8	55.6	55.0	55.6
Developing economies	23.3	28.7	17.6	19.8	22.2	18.3	22.6	23.7	21.9	21.9	24.4	24.4	25.7	26.9
<i>Imports</i>														
World	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	10.3
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	67.7	66.1
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	22.2	23.6

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 Serbia and Montenegro 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, Serbia and Montenegro, Slovakia, Slovenia and The former Yugoslav Republic of Macedonia.

APPENDIX TABLE B.15

Exchange rates of eastern Europe and the CIS, 1990, 1992-2003
(Annual averages, national currency units per dollar)

	Unit ^a	1990	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Albania	lek	8.90	75.03	102.06	94.62	92.70	104.50	148.93	150.63	137.69	143.71	143.48	139.93	121.87
Bosnia and Herzegovina	con. marka ^b	..	..	..	..	1.433	1.505	1.734	1.760	1.836	2.120	2.185	2.080	1.736
Bulgaria	leva ^c	2.36	23.42	27.85	54.13	67.08	177.88	1 681.87	1 760.37	1.836	2.123	2.185	2.079	1.733
Croatia	kuna ^d	11.00	264.30	3 577.42	6.033	5.230	5.434	6.101	6.362	7.112	8.276	8.340	7.869	6.704
Czech Republic	koruna	18.56	28.29	29.15	28.79	26.54	27.14	31.70	32.28	34.57	38.60	38.04	32.74	28.21
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	13.89
Hungary	forint	63.21	78.98	91.93	105.16	125.68	152.65	186.79	214.40	237.15	282.18	286.49	257.89	225.14
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	0.57
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	3.06
Poland	zloty ^h	9 500	13 627	18 136	22 723	2.42	2.70	3.28	3.49	3.96	4.35	4.09	4.08	3.89
Romania	leu	22.43	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	33 198.40
Serbia and Montenegro	dinar ⁱ	10.65	750.00	..	1.55	4.74	4.96	5.70	11.07	22.84	54.74	67.67	64.19	57.41
Slovakia	koruna	18.557	28.297	30.770	32.046	29.715	30.656	33.616	35.233	41.363	46.037	48.355	45.326	36.773
Slovenia	tolar	11.32	81.29	113.24	128.81	118.52	135.37	159.69	166.13	181.77	222.66	242.75	240.25	207.15
The former Yugoslav Republic of Macedonia	denar ^j	11.32	508.07	23.26	43.26	37.88	39.98	50.00	54.46	56.90	65.90	68.04	64.82	54.58
Armenia	dram	..	..	9.11	288.65	405.91	414.04	490.77	504.92	535.06	539.53	555.08	573.35	577.46
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	4 860.99	4 910.71
Belarus	rouble ^k	..	2 535	3 160	4 652	11 538	13 472	26 729	5 8971	27 4512	882	1 390	1 785	2 054
Georgia	lari ^l	..	..	..	1.661	1.291	1.263	1.297	1.390	2.026	1.976	2.072	2.196	2.150
Kazakhstan	tenge	..	..	..	35.54	60.95	67.30	75.44	78.30	119.52	142.13	146.74	153.30	149.87
Kyrgyzstan	som	..	..	..	10.86	10.82	12.81	17.36	20.84	39.01	47.70	48.38	46.94	43.62
Republic of Moldova	leu	..	4.422	4.448	4.475	4.497	4.604	4.624	5.370	10.517	12.433	12.867	13.570	13.948
Russian Federation	rouble ^m	0.59	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	30.717
Tajikistan	samoni ⁿ	..	..	..	..	107.59	293.82	560.64	778.30	1 225.96	1.83	2.39	2.76	3.07
Turkmenistan	manat	..	..	..	14.1	116.7	3 594.6	4 142.9	4 592.4	5 200.0	5 200.0	5 200.0	5 200.0	5 201.7
Ukraine	hryvnia ^o	..	..	4 796	31 700	147 276	1.829	1.862	2.450	4.130	5.440	5.372	5.327	5.331
Uzbekistan	sum ^p	..	..	..	10.69	30.12	40.66	66.02	94.79	124.64	236.58	423.08	774.09	971.97

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.

- ^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 lats 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 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.
- ^j 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.
- ^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 replacing the Tajik rouble at 1:1,000. The average for 2000 is shown in samoni terms.
- ^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, 1990-2002
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe .....	..	..	..	..	-3 304	-2 888	-15 773	-18 664	-21 364	-24 975	-22 472	-21 751	-25 913
Albania	-118	-168	-51	19	31	37	-62	-254	-65	-133	-163	-218	-407
Bosnia and Herzegovina .....	..	..	..	..	-177	-193	-748	-1 060	-1 093	-1 386	-1 087	-1 305	-1 729
Bulgaria	-1 710	-77	-360	-1 098	-32	-198	164	1 046	-61	-652	-704	-842	-713
Croatia ^a	-621	-589	329	637	711	-1 407	-956	-2 512	-1 453	-1 397	-459	-725	-1 908
Czech Republic	-122	1 708	-456	456	-787	-1 369	-4 121	-3 564	-1 255	-1 462	-2 718	-3 273	-4 415
Estonia .....	..	..	36	22	-167	-158	-398	-563	-478	-247	-294	-339	-799
Hungary ^b	123	267	325	-3 455	-3 911	-1 605	-1 146	-676	-2 223	-2 435	-2 900	-1 754	-2 655
Latvia .....	..	..	191	417	201	-16	-279	-345	-650	-654	-493	-732	-647
Lithuania .....	..	..	321	-86	-94	-614	-723	-981	-1 298	-1 194	-675	-574	-734
Poland ^b	716	-1 359	-269	-2 868	677	5 310	-1 371	-4 309	-6 841	-11 553	-9 952	-7 166	-6 700
Romania	-3 337	-1 012	-1 564	-1 174	-428	-1 774	-2 571	-2 104	-2 917	-1 437	-1 355	-2 223	-1 525
Serbia and Montenegro .....	..	..	..	..	-400	-1 037	-1 317	-1 279	-660	-716	-350	-648	-1 731
Slovakia	-767	-786	173	-532	759	511	-1 960	-1 827	-1 982	-980	-702	-1 746	-1 939
Slovenia ^a	518	129	926	192	575	-75	56	51	-118	-698	-548	37	314
The former Yugoslav Republic of Macedonia ^a	-409	-259	-19	-83	-263	-299	-340	-286	-270	-32	-72	-244	-325
CIS ^c .....	..	..	-538	10 266	4 696	3 741	4 934	-6 448	-7 229	23 460	48 286	32 829	30 812
Armenia .....	..	..	-50	-67	-104	-218	-291	-307	-403	-307	-278	-200	-148
Azerbaijan .....	..	153	488	-160	-121	-401	-931	-916	-1 365	-600	-168	-52	-768
Belarus .....	..	..	131	-435	-444	-458	-516	-859	-1 017	-194	-338	-435	-378
Georgia .....	..	..	-248	-354	-277	-363	-570	-514	-276	-200	-269	-211	-231
Kazakhstan .....	..	-1 300	-1 900	-641	-905	-213	-751	-799	-1 236	-236	675	-1 109	-696
Kyrgyzstan .....	..	..	-61	-88	-84	-235	-425	-138	-364	-184	-80	-19	-35
Republic of Moldova .....	..	..	-152	-155	-82	-95	-192	-275	-335	-68	-116	-81	-93
Russian Federation ^d	-6 300	2 500	1 142	12 792	7 844	6 963	10 847	-80	219	24 616	46 839	33 795	29 520
Tajikistan .....	..	..	-53	-208	-170	-89	-75	-61	-120	-36	-62	-74	-15
Turkmenistan	-308	447	926	776	84	24	2	-580	-935	..	..	..	..
Ukraine .....	..	..	-526	-765	-1 163	-1 152	-1 185	-1 335	-1 296	1 658	1 481	1 402	3 173
Uzbekistan .....	..	..	-236	-429	118	-21	-980	-584	-103	-126	216	-113	..
Total above ^c .....	..	..	..	..	1 392	853	-10 839	-25 112	-28 593	-1 516	25 815	11 077	4 899
<i>Memorandum items:</i>													
Baltic states .....	..	..	548	353	-59	-788	-1 400	-1 890	-2 426	-2 095	-1 462	-1 644	-2 180
Central Europe	469	-41	698	-6 207	-2 687	2 772	-8 543	-10 325	-12 418	-17 128	-16 819	-13 902	-15 396
South-east Europe .....	..	..	..	..	-557	-4 871	-5 830	-6 449	-6 519	-5 753	-4 190	-6 205	-8 337
CIS without Russian Federation ^c ..	..	..	-1 680	-2 526	-3 148	-3 222	-5 913	-6 368	-7 448	-1 156	1 447	-967	1 292
Caucasian CIS countries .....	..	..	190	-581	-502	-983	-1 791	-1 736	-2 043	-1 106	-715	-464	-1 147
Central Asian CIS countries ^c .....	..	..	-1 324	-590	-957	-534	-2 229	-2 162	-2 757	-1 446	1 135	-1 389	-264
Three European CIS countries .....	..	..	-547	-1 355	-1 689	-1 705	-1 893	-2 469	-2 647	1 396	1 027	886	2 703

Source: National balance of payments statistics; IMF, *Balance of Payments Statistics* (Washington, D.C.) and IMF country studies; 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 Totals include estimates for Turkmenistan and Uzbekistan.

^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, 1990-2002
(Million dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Eastern Europe .....	..	..	..	..	..	..	8 756	11 374	17 547	20 136	21 855	22 807	25 491
Albania ^b	-	-	20	68	53	70	90	48	45	41	143	207	135
Bosnia and Herzegovina .....	..	..	..	..	-	-	-	-	67	177	146	125	293
Bulgaria ^b	4	56	41	40	105	90	109	505	537	819	1 002	813	905
Croatia	-	-	16	120	117	114	511	533	932	1 467	1 089	1 561	1 124
Czech Republic	132	513	1 004	654	869	2 562	1 428	1 300	3 718	6 324	4 986	5 641	9 305
Estonia .....	..	..	82	162	215	202	151	267	581	305	387	542	285
Hungary ^c	311	1 459	1 471	2 339	1 146	4 815	2 364	2 229	2 083	2 012	1 697	2 599	858
Latvia .....	..	..	29	45	214	180	382	521	357	347	410	164	382
Lithuania .....	..	..	8	30	31	73	152	355	926	486	379	446	732
Poland ^b	10	117	284	580	542	1 132	2 768	3 077	5 130	6 474	8 293	6 995	4 119
Romania	-	40	77	94	341	419	263	1 215	2 031	1 041	1 037	1 157	1 144
Serbia and Montenegro .....	..	..	..	..	..	..	-	740	113	112	50	165	475
Slovakia	18	82	100	195	269	308	353	220	684	390	1 925	1 579	4 012
Slovenia	4	65	111	113	117	151	174	334	216	107	136	370	1 644
The former Yugoslav Republic of Macedonia ^b	-	-	-	-	24	9	11	30	128	33	175	442	77
CIS ^d .....	..	..	1 777	1 876	1 770	4 064	5 313	9 035	6 780	6 749	5 439	7 291	8 957
Armenia ^b .....	..	..	-	1	8	25	18	52	221	122	104	70	111
Azerbaijan ^b .....	..	..	-	60	22	330	627	1 125	1 023	510	130	227	1 392
Belarus ^b .....	..	..	7	18	11	15	105	352	203	444	119	96	247
Georgia ^b .....	..	..	-	-	8	6	40	243	265	82	131	110	165
Kazakhstan .....	..	..	100	228	635	964	1 137	1 321	1 152	1 472	1 283	2 835	2 583
Kyrgyzstan .....	..	..	-	10	38	96	47	83	109	44	-2	5	5
Republic of Moldova ^b .....	..	25	17	14	12	67	24	79	76	38	136	147	117
Russian Federation	-	100	1 454	1 211	690	2 065	2 579	4 865	2 761	3 309	2 714	2 748	3 442
Tajikistan ^b .....	..	..	9	9	12	20	18	18	25	21	24	9	36
Turkmenistan ^b	-	-	11	79	103	233	108	108	62	..	..	..	..
Ukraine .....	..	..	170	198	159	267	521	623	743	496	595	792	693
Uzbekistan ^b .....	..	..	9	48	73	-24	90	167	140	121	75	83	..
Total above ^d .....	..	..	..	..	..	..	14 069	20 408	24 327	26 885	27 294	30 098	34 447
<i>Memorandum items:</i>													
Baltic states .....	..	..	119	238	460	454	685	1 142	1 863	1 139	1 176	1 152	1 399
Central Europe	476	2 236	2 970	3 880	2 942	8 967	7 087	7 161	11 831	15 307	17 038	17 184	19 939
South-east Europe .....	..	..	..	..	..	..	984	3 070	3 853	3 690	3 641	4 471	4 153
CIS without Russian Federation ^d .....	..	..	323	665	1 080	1 999	2 734	4 170	4 019	3 439	2 725	4 543	5 515
Caucasian CIS countries .....	..	..	-	61	38	361	685	1 419	1 509	715	365	406	1 668
Central Asian CIS countries ^d .....	..	..	129	374	861	1 289	1 400	1 697	1 488	1 747	1 510	3 102	2 789
Three European CIS countries .....	..	..	194	229	181	349	649	1 053	1 022	978	850	1 035	1 057

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

^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; Azerbaijan, 1993-1999; Belarus, 1992-1996; Georgia, 1992-1998; Republic of Moldova, 1991-1994.

^c Excludes reinvested profits.

^d Totals include estimates for Turkmenistan and Uzbekistan.