

First results of the demographic data collection for 2001 in Europe

Statistics
in focus

POPULATION AND
SOCIAL CONDITIONS

THEME 3 – 17/2002

POPULATION AND LIVING
CONDITIONS

Contents

Joint Council of
Europe/Eurostat demographic
data collection

Main demographic trends for
2001

Joint Council of Europe/Eurostat demographic data collection

The objective of this publication is to provide some basic demographic information for 2001. However, given the timetable (rapid questionnaire sent out in April 2002 with a return date of May), not all countries could provide all the information while some figures are provisional or estimates. Additional and/or more definitive information will be published in the annual reports of the Council of Europe (« Recent demographic developments in Europe 2002 ») and Eurostat (« Demographic Statistics 2002 »).

Main demographic trends for 2001

The population of the European Union increased by 0.4 % in 2001, the same increase as in 2000. The 2000 figure has been revised upward from 0.3 %, mainly because of relatively large corrections to the population estimates for Spain (revised international migration estimates) and Portugal (new Census base). About three-quarters of the total population increase in the EU in 2001 was due to net inward migration and only one-quarter to natural increase. Net migration has exceeded natural increase in each year since 1989. Only in France, and to a lesser extent in the Netherlands and Finland, did natural increase contribute more to population growth in 2001 than international migration. Indeed, in Germany, Sweden and Greece, there continued to be a natural decrease (more deaths than births). In contrast virtually all countries in Central and Eastern Europe saw declines or very small increases in population size, for many from combinations of natural decreases and/or net outward migration (see Tables 1 and 2 for more details). Of the Council of Europe Member States outside the EU, the Russian Federation experienced a natural decrease of nearly 1 million (0.65 %), while the population of Turkey grew by over 1 million (1.5 %) through an excess of births over deaths.

Table 3 shows that the total fertility rate (TFR) for the European Union remained almost unchanged in 2001 at 1.47, and still slightly higher than in the mid to late 1990s when it fluctuated around 1.42 to 1.45. This constancy between 2000 and 2001 was observed in most EU countries with the exception of Ireland where it increased appreciably and Luxembourg, Germany and Portugal where it decreased appreciably. The lowest TFRs were seen in Armenia (1.00), the Czech Republic (1.14) and Ukraine (1.10 in 2000). There were further small increases in the proportion of births outside marriage in virtually all European countries, the highest figure still being seen in Iceland (63 %).

Infant mortality was below 6 deaths of children under one per 1000 live births in all EU countries, and compares with 6.8 in the USA (see Table 4). Within the European Union, the lowest rates in 2001 were observed in Finland and Sweden at 3.2 and the highest in Luxembourg (small numbers) and Greece at 5.9. Turkey had the highest rate in 2001 for Council of Europe Member States at 38.7 but this compares with a figure of 95.4 in 1980. The EU expectation of life at birth based on 2001 mortality rates is now over 75 years for men and 81.5 years for women. These figures compare with 70.5 years for men and just over 77 years for women based on 1980 mortality rates. The lowest expectation of life at birth for men is still found in the Russian Federation (59 years).

Table 5 shows that over the last twenty years or so, the annual number of marriages and popularity of marriage has declined nearly everywhere, the only exception in the European Union being Denmark.

In contrast the incidence of divorce has increased as different forms of family type, such as consensual unions and lone parent families have become more prevalent. The highest crude marriage rate in 2001 was observed in Cyprus and the highest crude divorce rates (over 4 per 1000 population) in the Russian Federation, Ukraine (both 2000 statistics) and Belarus.



Figure 1: World population, 2002

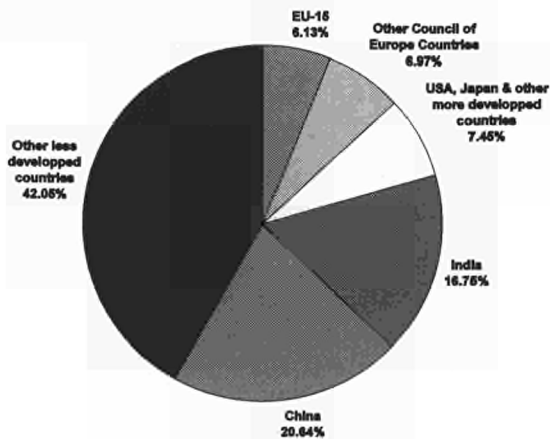


Figure 2: Share of the world's population increase, 2001

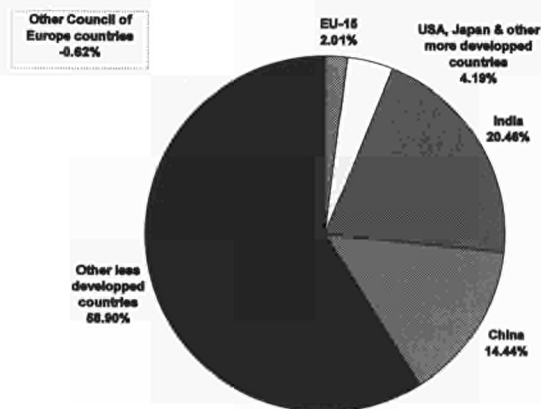
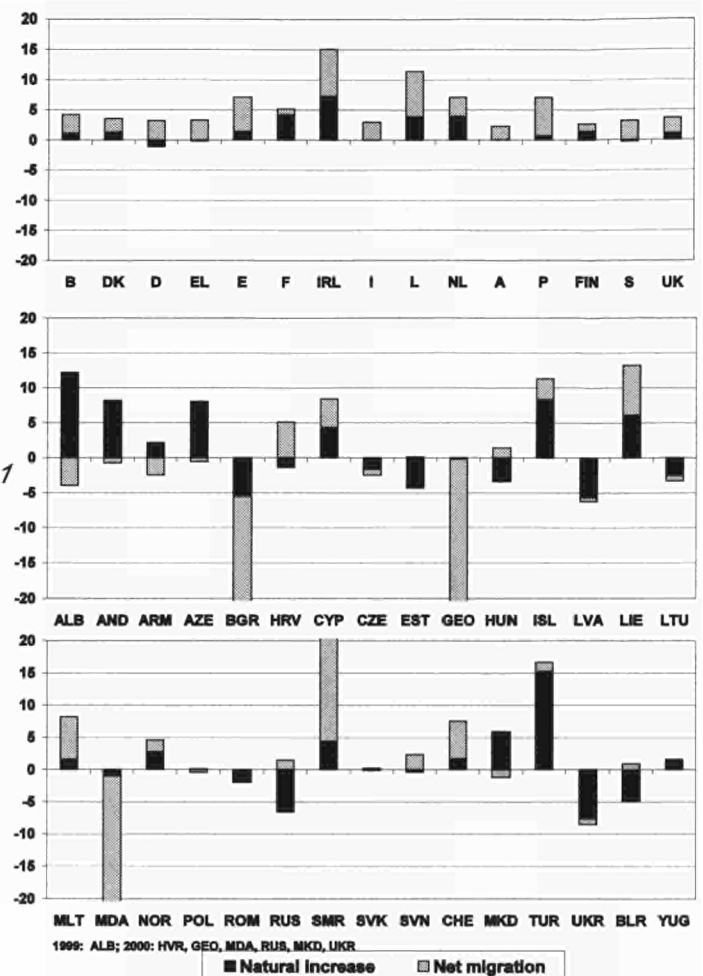


Figure 3: Components of population change, 2001 (per 1000 population)



GLOSSARY

Natural increase: the difference between the number of live births and the number of deaths.

Net migration: the difference between the number of immigrants and the number of emigrants. In this publication, it is calculated by taking the difference between total population increase and natural increase.

Crude rate: the ratio of the number of events to the mean population in a given year.

Total fertility rate: the average number of children that would be born alive to a woman during her lifetime if current age specific fertility rates were to continue.

Infant mortality rate: the ratio of deaths of children under one year of age to the live births in a given year.

Life expectancy at birth: the average number of years a person would live if current age specific mortality rates were to continue.

Council of Europe Member States: all the European Union countries, Andorra (AND), Albania (ALB), Armenia (ARM), Azerbaijan (AZE), Bosnia and Herzegovina (BIH), Bulgaria (BGR), Croatia (HRV), Cyprus (CYP), Czech Republic (CZE), Estonia (EST), Georgia (GEO), Hungary (HUN), Iceland (ISL), Latvia (LVA), Liechtenstein (LIE), Lithuania (LTU), Malta (MLT), Moldova (MDA), Norway (NOR), Poland (POL), Romania (ROM), Russian Federation (RUS), San Marino (SMR), Slovak Republic (SVK), Slovenia (SVN), Switzerland (CHE), the former Yugoslav Republic of Macedonia (MKD), Turkey (TUR), Ukraine (UKR).

Council of Europe non-Member States with observer status: Belarus (BLR), the Federal Republic of Yugoslavia (YUG).

More developed countries: all countries in Europe (including European members of the CIS-Commonwealth Independent States), Australia, Canada, Japan, New Zealand, Turkey, the United States of America.

Less developed countries: all countries excluding more developed countries

Table 1: Population change in 2001

COUNTRY/REGION	Population 1.1.2001	Live births	Deaths	Natural increase	Net migration	Total increase	Population 1.1.2002
	(1000)						
European Union	378 036.6 *	4 010.6 *	3 606.8 *	403.7 *	1 160.3 *	1 564.0 *	379 600.7 *
Eurozone	303 910.4 *	3 184.5 *	2 850.2 *	334.3 *	964.6 *	1 298.9 *	305 209.3 *
Belgium	10 263.4	115.6 ^p	104.3 ^p	11.3 ^p	32.6 ^e	43.9 ^e	10 307.3 ^e
Denmark	5 349.2	65.5	58.5	7.0	12.2	19.1	5 368.4
Germany	82 259.5	730.0 ^p	821.0 ^p	-91.0 ^p	262.5 ^p	171.5 ^p	82 431.0 ^p
Greece	10 564.7 ^p	101.0	102.4	-1.4	35.0 ^e	33.6 ^e	10 598.3 ^e
Spain	40 121.7	407.1	351.1	56.0	231.7	287.7	40 409.3
France	59 037.2 ^p	774.8 ^p	528.0 ^p	246.8 ^p	60.0 ^p	306.8 ^p	59 344.0 ^p
Ireland	3 826.2 ^p	57.9 ^p	29.8 ^p	28.1 ^p	30.0 ^e	58.1 ^e	3 884.2 ^e
Italy	57 844.0	545.0 ^e	541.1 ^e	3.9 ^e	170.0 ^e	173.9 ^e	58 017.9 ^e
Luxembourg	441.3	5.5	3.7	1.7	3.3 ^e	5.1 ^e	446.4 ^e
Netherlands	15 987.1	203.1 ^p	140.3 ^p	62.9 ^p	50.3 ^p	113.2 ^p	16 100.3 ^p
Austria	8 121.3	75.5	74.8	0.7	18.0 ^e	18.7 ^e	8 140.0 ^e
Portugal	10 262.9	112.8	105.1	7.7	65.0 ^p	72.7 ^p	10 335.6 ^p
Finland	5 181.1	56.2	48.6	7.6	6.1	13.8	5 194.9
Sweden	8 882.8	91.5	93.8	-2.3	28.6	26.3	8 909.1
United Kingdom	59 894.2	669.1 ^p	604.4 ^p	64.7 ^p	155.0	219.7	60 113.9
<i>Other Council of Europe Member States</i>							
Albania	3 401.2 ¹	57.9 ²	16.7 ²	41.2 ²	:	:	:
Andorra	65.8	0.8	0.2	0.5	0.0	0.5	66.3
Armenia	3 800.0	32.1	24.0	8.1	-9.5	-1.4	3 798.6
Azerbaijan	8 081.0	110.4	45.3	65.1	-4.7	60.4	8 141.4
Bosnia and Herzegovina	:	39.1 ²	29.4 ²	9.7 ²	:	:	:
Bulgaria	8 149.5	68.2 ^p	112.4 ^p	-44.2 ^p	-175.8 ^{3p}	-220.0 ^{3p}	7 929.5 ^p
Croatia	4 381.0	43.7 ^{1*}	50.2 ^{1*}	-6.5 ^{1*}	23.4 ^{1*}	16.9 ^{1*}	:
Cyprus	759.1	9.3	6.0	3.3	3.1	6.4	765.5
Czech Republic	10 295.3	90.7	107.8	-17.0	-8.6	-25.6	10 269.7 ^{4p}
Estonia	1 367.0	12.6	18.5	-5.9	0.2	-5.7	1 361.2
Georgia	4 945.6	40.4 ¹	41.3 ¹	-0.9 ¹	-154.0 ¹	-154.9 ¹	:
Hungary	10 200.0 ^{4p}	97.0 ^p	132.0 ^p	-35.0 ^p	14.0 ^p	-21.0 ^p	10 179.0 ^{4p}
Iceland	283.4	4.1 ^p	1.7 ^p	2.4 ^p	0.8 ^p	3.2	286.6
Latvia	2 366.1	19.7	33.0	-13.3	-1.4 ^p	-14.7 ^p	2 351.4 ^p
Liechtenstein	32.9 ^e	0.4 ^e	0.2 ^e	0.2 ^e	0.2 ^e	0.4 ^e	33.3 ^e
Lithuania	3 493.8 ^{4p}	31.5 ^p	40.4	-8.9 ^p	-2.6 ^p	-11.5 ^p	3 482.3 ^{4p}
Malta	391.4	3.9	2.9	0.9	2.3	3.2	394.6
Moldova	4 171.9	36.9 ¹	41.2 ¹	-4.3 ¹	-105.3 ¹	-109.6 ¹	:
Norway	4 503.4	56.7 ^p	44.2 ^p	12.5 ^p	8.1 ^p	20.6	4 524.1
Poland	38 644.2	368.2	363.2	5.0	-16.7	-11.8	38 632.5
Romania	22 430.5	220.4	259.6	-39.2	-4.9 ^e	-44.1 ^e	22 386.3 ^e
Russian Federation	144 819.1	1 308.6	2 251.8	-943.2	:	:	:
San Marino	26.9	0.3	0.2	0.1	1.1	1.2	28.2
Slovak Republic	5 378.8 ⁴	51.1	52.0	-0.8	1.0	0.2	5 379.0 ⁴
Slovenia	1 990.1	17.6 ^p	18.3 ^p	-0.8 ^p	4.7 ^p	3.9	1 994.0
Switzerland	7 204.1	73.5	61.3	12.2	42.2 ^p	54.5 ^p	7 258.5 ^p
the former Yug. Rep. of Macedonia	2 031.1	29.3 ¹	17.3 ¹	12.1 ¹	-2.5 ¹	9.5 ¹	:
Turkey	68 036.0	1 507.0	463.0	1 044.0	100.0	1 144.0	69 180.0
Ukraine	49 036.5	376.5	746.0	-369.5	:	:	:
<i>Council of Europe non-Member States with observer status</i>							
Belarus	9 990.4	91.7	140.3	-48.6	9.1	-39.5	9 950.9
Fed. Rep. of Yugoslavia	10 645.2 ^{5*}	131.4 ^{5*}	114.9 ^{5*}	16.6 ^{5*}	0.0 ^{5*}	16.6 ^{5*}	10 661.7 ^{5*}
<i>Other countries/regions</i>							
United States of America	276 810.8	3 948.4	2 419.1	1 529.3	970.6	2 499.9	279 310.7
Japan	126 660.8	1 272.8	1 057.3	215.5	-3.2	212.3	126 873.1
Other more developed countries	54 996.5	663.8	408.5	255.3	294.2	549.5	55 546.0
India	1 021 997.5	25 008.2	9 002.1	16 006.1	-85.4	15 920.7	1 037 918.2
China	1 267 471.9	20 306.1	8 580.8	11 725.4	-489.7	11 235.6	1 278 707.5
Other less developed countries	2 559 240.6	71 503.7	24 666.8	46 836.9	-997.3	45 839.7	2 605 080.3

p provisional data; * national estimate (including in small instances projections); e Eurostat estimate.

¹ 2000; ² 1999; ³ data refer to the period of eight years between the two latest censuses (04.12.1992 - 01.03.2000);

⁴ based upon the latest National Population Census; ⁵ does not include Kosovo and Metohija.

Sources: Eurostat, Council of Europe, US Bureau of the Census - International Program Center.

Table 2: Crude rates of population change

COUNTRY/REGION	Natural increase			Net migration			Total increase		
	(per 1000 population)			(per 1000 population)			(per 1000 population)		
	1980	2000	2001	1980	2000	2001	1980	2000	2001
European Union	2.5	1.0^o	1.1^o	1.7	3.1^o	3.1^o	4.2	4.1^o	4.1^o
Eurozone	2.7	1.0^o	1.1^o	2.0	3.1^o	3.2^o	4.7	4.1^o	4.3^o
Belgium	1.1	1.1 ^p	1.1 ^e	-0.2	1.3 ^p	3.2 ^e	0.8	2.4	4.3 ^o
Denmark	0.3	1.7	1.3	0.1	1.9	2.3	0.4	3.6	3.6
Germany	-1.1	-0.9	-1.1 [*]	3.9	2.0	3.2 [*]	2.8	1.2	2.1 [*]
Greece	6.3	-0.2 [*]	-0.1 ^e	5.2	1.2 [*]	3.3 ^e	11.5	1.0 ^p	3.2 ^o
Spain	7.5	0.9 ^p	1.4 [*]	3.0	8.8 ^p	5.8 [*]	10.5	9.7	7.1
France	4.7	4.0 ^p	4.2 ^p	0.8	0.8 ^p	1.0 ^p	5.5	4.9 ^p	5.2 ^p
Ireland	11.9	6.1 ^p	7.3 ^e	-0.2	7.0 ^p	7.8 ^e	11.8	13.0 ^p	15.1 ^o
Italy	1.5	-0.3	0.1 ^e	0.1	3.1	2.9 ^e	1.6	2.8	3.0 ^e
Luxembourg	0.2	4.5	3.9 ^e	3.7	8.3	7.5 ^e	3.8	12.8	11.4 ^e
Netherlands	4.7	4.2	3.9 ^p	3.6	3.6	3.1 ^p	8.3	7.7	7.1 ^p
Austria	-0.2	0.2	0.1 ^e	1.2	2.1	2.2 ^e	1.0	2.3	2.3 ^e
Portugal	6.5	1.4	0.7 ^p	4.3	4.9	6.3 ^p	10.8	6.3	7.1 ^p
Finland	3.9	1.4	1.5	-0.5	0.5	1.2	3.4	1.9	2.7
Sweden	0.6	-0.3	-0.3	1.2	2.7	3.2	1.8	2.4	3.0
United Kingdom	1.6	1.2	1.1	-0.6	3.3	2.6	1.0	4.5	3.7
<i>Other Council of Europe Member States</i>									
Albania	20.1	12.2 ¹	:	:	-4.0 ¹	:	:	8.2 ¹	:
Andorra	11.6	7.4	8.2	102.7	-9.3	-0.8	114.2	-1.9	7.4
Armenia	17.2	2.7	2.1	-2.7	-3.6	-2.5	14.5	-0.9	-0.4
Azerbaijan	18.2	8.7	8.0	-3.2	-0.7	-0.6	15.0	8.1	7.4
Bosnia and Herzegovina	11.0	:	:	-16.4	:	:	-5.5	:	:
Bulgaria	3.4	-5.1	-5.5 ^p	0.0	0.0	-21.9 ^{2p}	3.4	-5.1	-27.4 ^{2p}
Croatia	3.9	-1.4	:	0.2	5.1	:	4.1	3.7	:
Cyprus	11.1	4.6	4.3	0.4	1.1	4.1	11.5	5.7	8.4
Czech Republic	1.8	-1.8	-1.7 ^p	-4.0	0.6	-0.8 ^p	-2.2	-1.1	-2.5 ^p
Estonia	2.7	-3.9	-4.3	4.1	0.3	0.1	6.8	-3.6	-4.2
Georgia	9.1	-0.2	:	-1.1	-30.7	:	8.0	-30.8	:
Hungary	0.3	-3.8	-3.4 ^p	-0.7	1.8	1.4 ^p	-0.4	-2.0	-2.1
Iceland	13.1	8.7	8.3 ^p	-2.7	6.7	3.0 ^p	10.4	15.3	11.3
Latvia	1.4	-5.0	-5.6 ^p	1.0	-0.8	-0.6 ^p	2.3	-5.8	-6.2 ^p
Liechtenstein	8.5	6.1 ^e	6.0 ^e	-31.8	7.3 ^e	7.2 ^e	-23.2	13.4 ^e	13.2 ^e
Lithuania	4.7	-1.3	-2.6 ^p	0.6	-0.3	-0.7 ^p	5.3	-1.6	-3.3 ^p
Malta	7.4	3.3	2.4	-19.1	3.4	5.9	-11.8	6.7	8.2
Moldova	9.8	-1.0	:	1.4	-24.9	:	11.1	-25.9	:
Norway	2.4	3.4	2.8 ^p	0.9	2.2	1.8 ^p	3.3	5.6	4.6
Poland	9.6	0.3	0.1	-0.6	-0.5	-0.4	9.0	-0.2	-0.3
Romania	7.5	-0.9	-1.8 ^e	-0.8	-0.2	-0.2 ^e	6.7	-1.1	-2.0 ^e
Russian Federation	4.9	-6.6	:	0.4	1.5	:	5.3	-5.1	:
San Marino	3.4	3.8	4.4	70.2	7.9	40.1	73.6	11.7	44.5
Slovak Republic	8.9	0.4	-0.2	-2.3	0.3	0.2	6.6	0.7	0.0
Slovenia	5.8	-0.2	-0.4 ^p	2.9	1.4	2.4 ^p	8.7	1.2	2.0 ^p
Switzerland	2.3	2.2	1.7 ^p	2.7	3.3	5.8 ^p	5.0	5.5	7.5 ^p
the former Yug. Rep. of Macedonia	13.9	5.9	:	0.1	-1.2	:	14.0	4.7	:
Turkey	22.1	15.6	15.2	0.3	-1.3	1.5	22.4	14.3	16.7
Ukraine	3.5	-7.6	:	0.2	-0.9	:	3.6	-8.5	:
<i>Council of Europe non-Member States with observer status</i>									
Belarus	6.1	-4.1	-4.9	1.5	1.2	0.9	7.6	-2.9	-4.0
Fed. Rep. of Yugoslavia	8.6	0.7 ³	1.6 ³	6.2	0.0 ³	0.0 ³	14.9	0.7 ³	1.6 ³
<i>Other countries/regions</i>									
United States of America	7.5	5.5	5.5	3.6	3.4	3.5	11.1	8.9	9.0
Japan	7.6	1.8	1.7	0.2	0.0	0.0	7.8	1.8	1.7
Other more developed countries	:	4.8	4.6	:	5.4	5.3	:	10.2	9.9
India	21.2	15.9	15.5	0.0	-0.1	-0.1	21.2	15.8	15.5
China	:	9.4	9.2	:	-0.4	-0.4	:	9.0	8.8
Other less developed countries	:	18.5	18.1	:	-0.4	-0.4	:	18.1	17.8

^p provisional data; ^{*} national estimate (including in small instances projections); ^e Eurostat estimate.

¹ 1999; ² data refer to the period of eight years between the two latest censuses (04.12.1992 - 01.03.2000);

³ does not include Kosovo and Metohija.

Sources: Eurostat, Council of Europe, US Bureau of the Census - International Program Center.

Table 3: Fertility

COUNTRY/REGION	Crude birth rate			Total fertility rate			Live births outside marriage		
	(per 1000 population)			(children per woman)			(as % of total live births)		
	1980	2000	2001	1980	2000	2001	1980	2000	2001
European Union	13.0	10.8[*]	10.6[*]	1.8	1.48[*]	1.47[*]	9.6	28.4[*]	:
Eurozone	13.0	10.6[*]	10.5[*]	1.8	1.43[*]	1.42[*]	8.4	25.0[*]	:
Belgium	12.6	11.3 ^p	11.2 ^e	1.7	1.66	1.65 ^e	4.1	22.0 ^e	:
Denmark	11.2	12.6	12.2	1.6	1.77	1.74	33.2	44.6	44.6
Germany	11.1	9.3	8.9	1.6	1.36	1.29 ^e	11.9	23.4	23.6
Greece	15.4	9.6	9.5 ^e	2.2	1.29	1.29	1.5	4.1 ^e	:
Spain	15.3	9.9 ^p	10.1	2.2	1.23 ^p	1.25	3.9	17.0 ^e	:
France	14.9	13.2 ^p	13.1 ^p	2.0	1.88 ^p	1.90 ^p	11.4	42.6	:
Ireland	21.8	14.3 ^p	15.0 ^e	3.3	1.89 ^p	1.98 ^p	5.0	31.8 ^p	31.2 ^p
Italy	11.3	9.4	9.4 ^e	1.6	1.24	1.24 ^e	4.3	9.6 ^e	:
Luxembourg	11.4	13.1	12.3 ^e	1.5	1.78	1.70 ^p	6.0	21.9	22.3
Netherlands	12.8	13.0	12.7 ^p	1.6	1.72	1.69 ^p	4.1	24.9	27.7 ^p
Austria	12.0	9.6	9.3 ^e	1.6	1.34	1.29 ^e	17.8	31.3	33.1
Portugal	16.2	11.7	10.9 ^p	2.2	1.52	1.42 ^e	9.2	22.2	23.8
Finland	13.2	11.0	10.8	1.6	1.73	1.73	13.1	39.2	39.5
Sweden	11.7	10.2	10.3	1.7	1.54	1.57	39.7	55.3	55.5
United Kingdom	13.4	11.4	11.2	1.9	1.64	1.63	11.5	39.5	40.1 ^p
<i>Other Council of Europe Member States</i>									
Albania	26.5	17.1 ¹	:	3.6	:	:	:	:	:
Andorra	15.7	11.3	11.8	:	1.32	:	:	:	:
Armenia	22.7	9.0	8.4	2.3	1.10	1.00	4.3	14.6	15.3
Azerbaijan	25.2	14.5	13.6	3.2	1.90	1.83	3.0	5.4	6.6
Bosnia and Herzegovina	17.3	:	:	1.9	:	:	5.4	10.1 ¹	:
Bulgaria	14.5	9.0	8.5 ^p	2.1	1.27	1.20 ^p	10.9	38.4	42.0 ^p
Croatia	14.9	9.6	:	1.9	1.39	:	5.1	9.0	:
Cyprus	20.4	12.6	12.2	2.5	1.84	1.79	0.6	2.3	:
Czech Republic	14.9	8.8	8.8 ^p	2.1	1.14	1.14	5.6	21.8	23.5
Estonia	15.0	9.5	9.3	2.0	1.39	1.34	18.3	54.5	56.2
Georgia	17.6	8.0	:	2.2	1.35	:	4.7	41.1	:
Hungary	13.9	9.7	9.5 ^p	1.9	1.33	1.32 ^p	7.1	29.0	30.3 ^p
Iceland	19.8	15.3	14.4 ^p	2.5	2.10 ^p	1.95 ^p	39.7	65.2	63.1 ^p
Latvia	14.1	8.5	8.3 ^p	1.9	1.24	1.24 ^p	12.5	40.3	42.1
Liechtenstein	15.4	12.3 ^e	12.1 ^e	1.8	:	:	5.3	:	:
Lithuania	15.2	9.2	9.0 ^p	2.0	1.27	1.25	6.3	22.6	25.2 ^p
Malta	17.3	10.9	9.8	2.0	1.67	1.51 ^e	1.1	10.9	13.7
Moldova	19.8	8.7	:	2.4	1.30	:	7.4	20.5	:
Norway	12.5	13.2	12.6 ^p	1.7	1.85	:	14.5	49.6	:
Poland	19.6	9.8	9.5	2.3	1.34	1.29	4.7	12.1	13.1
Romania	18.0	10.4	9.8 ^e	2.5	1.30	1.20	:	25.5	26.7
Russian Federation	15.9	8.7	:	1.9	1.21	:	10.8	28.0	:
San Marino	11.2	10.8	11.4	1.5	1.08	1.14	:	8.6	:
Slovak Republic	19.1	10.2	9.5 ^p	2.3	1.30	1.21 ^e	5.7	18.3	19.8 ^p
Slovenia	15.7	9.1	8.8 ^p	2.1	1.26	1.22 ^e	13.1	37.1	:
Switzerland	11.7	10.9	10.2 ^p	1.6	1.50	1.41 ^p	4.7	10.7	11.9
the former Yug. Rep. of Macedonia	21.1	14.5	:	2.5	1.76	:	6.1	9.8 ¹	:
Turkey	31.7	22.3	22.0	4.4	2.52	2.50	2.9	:	:
Ukraine	14.8	7.8	:	2.0	1.10 ¹	:	8.8	17.3	18.0
<i>Council of Europe non-Member States with observer status</i>									
Belarus	16.0	9.4	9.2	2.0	1.31	:	6.4	18.6	20.5
Fed. Rep. of Yugoslavia	17.7	11.8 ²	12.3 ²	2.3	1.64 ²	2.00	10.1	:	:
<i>Other countries/regions</i>									
United States of America	16.0	14.2	14.2	1.8	2.06	2.06	18.4	:	:
Japan	13.8	10.0	10.0	1.8	1.41	1.41	0.8	:	:
Other more developed countries	:	12.1	12.0	:	:	:	:	:	:
India	34.8	24.8	24.3	4.7	3.11	3.04	:	:	:
China	:	16.1	16.0	:	1.82	1.82	:	:	:
Other less developed countries	:	28.1	27.7	:	:	:	:	:	:

p provisional data; * national estimate (including in small instances projections); e Eurostat estimate.

¹ 1999; ² does not include Kosovo and Metohija.

Sources: Eurostat, Council of Europe, US Bureau of the Census - International Program Center.

Table 4: Mortality

COUNTRY/REGION	Crude death rate			Infant mortality rate			Life expectancy at birth			
	(per 1000 population)			(per 1000 live births)			males		females	
	1980	2000	2001	1980	2000	2001	1980	2001	1980	2001
European Union	10.5	9.7^e	9.5^e	12.4	4.7^e	4.6^e	70.5	75.3^{1a}	77.2	81.4^{1a}
Eurozone	10.3	9.6^e	9.4^e	12.5	4.5^e	4.5^e	70.4	75.2^{1a}	77.4	81.6^{1a}
Belgium	11.5	10.2	10.1 ^e	12.1	4.8 ^p	5.0 ^p	70.0	74.4 ¹	76.8	80.8 ¹
Denmark	10.9	10.9	10.9	8.4	5.3	4.9	71.2	74.3	77.3	79.0
Germany	12.2	10.2	10.0 ^e	12.4	4.4	4.5 ^e	69.6	74.4 ²	76.1	80.6 ²
Greece	9.1	9.8 ^e	9.7 ^e	17.9	6.1 ^e	5.9 ^e	72.2	75.4 ^e	76.8	80.7 ^e
Spain	7.7	9.0 ^p	8.7 ^e	12.3	3.9 ^p	3.9 ^e	72.5	75.6 ^e	78.6	82.9 ^e
France	10.2	9.1 ^p	8.9 ^p	10.0	4.6 ^e	4.6 ^e	70.2	75.5 ^p	78.4	83.0 ^p
Ireland	9.8	8.2 ^p	7.7 ^e	11.1	5.9 ^p	5.8 ^p	70.1	73.0 ^p	75.6	78.5 ^p
Italy	9.8	9.7	9.3 ^e	14.6	4.5	4.3 ^e	70.6	76.7 ^e	77.4	82.9 ^e
Luxembourg	11.3	8.6	8.4 ^e	11.5	5.1	5.9	69.1	74.9 ¹	75.9	81.3 ¹
Netherlands	8.1	8.8	8.7 ^p	8.6	5.1	5.3 ^p	72.7	75.7 ^p	79.3	80.6 ^p
Austria	12.2	9.5	9.2 ^e	14.3	4.8	4.8	69.0	75.4 ¹	76.1	81.2 ¹
Portugal	9.7	10.3	10.2 ^p	24.3	5.5	5.0	67.7	73.5	75.2	80.3
Finland	9.3	9.5	9.4	7.6	3.8	3.2	69.2	74.6	77.6	81.5
Sweden	11.0	10.5	10.5	6.9	3.4	3.2	72.8	77.5	78.8	82.1
United Kingdom	11.7	10.2	10.1 ^e	12.1	5.6 ^p	5.5 ^p	70.2	75.7 ^e	76.2	80.4 ^e
<i>Other Council of Europe Member States</i>										
Albania	6.4	4.9 ²	:	51.9	12.2 ²	:	67.7	71.7 ²	72.2	76.4 ²
Andorra	4.2	3.9	3.6	:	2.7	2.6	:	:	:	:
Armenia	5.5	6.3	6.3	26.2	15.8	15.4	69.5	70.5	75.7	74.5
Azerbaijan	7.0	5.8	5.6	30.3	12.8	12.7	64.5	68.6	72.2	75.2
Bosnia and Herzegovina	6.4	:	:	31.5	9.4	:	67.9	69.7 ⁵	72.9	75.2 ⁵
Bulgaria	11.1	14.1	14.0 ^p	20.2	13.3	14.4 ^p	68.7	68.2 ¹	74.0	75.3 ¹
Croatia	10.9	11.0	:	20.6	7.4	:	66.6	70.2 ⁴	74.2	77.0 ⁴
Cyprus	9.3	8.0	7.9 ^e	12.0	5.5 ^e	4.9 ^e	72.3	75.3 ³	77.0	80.4 ³
Czech Republic	13.1	10.6	10.5 ^p	16.9	4.1	4.0	66.8	72.1 ^e	73.9	78.5 ^e
Estonia	12.3	13.4	13.6	17.1	8.4	8.8	64.1	65.1 ¹	74.1	76.0 ¹
Georgia	8.5	8.2	:	25.4	14.9	:	67.0 ⁶	73.0 ¹	74.8 ⁶	76.5 ¹
Hungary	13.6	13.5	13.0 ^p	23.2	9.2	8.2 ^p	65.5	67.7 ¹	72.7	75.7 ¹
Iceland	6.7	6.7	6.0 ^p	7.7	3.0	2.7 ^p	73.4	77.9 ¹	80.1	81.5 ¹
Latvia	12.8	13.6	14.0 ^p	15.3	10.4	11.0	63.6	64.5	74.2	75.6
Liechtenstein	6.9	6.1 ^e	6.0 ^e	7.6	:	:	:	:	:	:
Lithuania	10.5	10.5	11.6 ^p	14.5	8.6	7.9 ^p	65.5	67.5 ¹	75.4	77.7 ¹
Malta	9.9	7.6	7.5	15.2	6.1	4.8	68.5	75.1 ¹	72.7	79.3 ¹
Moldova	10.1	9.7	:	35.0	18.4	:	:	63.9 ¹	:	71.2 ¹
Norway	10.1	9.8	9.8 ^p	8.1	3.8	3.8 ^e	72.3	76.0 ¹	:	81.4 ¹
Poland	9.9	9.5	9.4	25.4	8.1	7.7	66.9	70.2	75.4	78.4
Romania	10.4	11.4	11.6 ^e	29.3	18.6	18.4	66.5	67.7	71.8	74.8
Russian Federation	11.0	15.3	:	22.0	15.2	14.6 ^p	61.5	59.0 ¹	73.1	72.2 ¹
San Marino	7.8	7.0	7.1	20.9	0.0	3.2	73.2 ⁸	77.4 ¹	79.1 ⁸	84.0 ¹
Slovak Republic	10.1	9.8	9.7	20.9	8.6	6.2	66.8	69.1 ¹	74.3	77.2 ¹
Slovenia	9.9	9.3	9.2 ^p	15.3	4.9	4.3 ^p	67.4	72.3 ¹	:	79.7 ¹
Switzerland	9.4	8.7	8.5 ^p	9.1	4.9	5.0	72.8	77.2	79.6	82.8
the former Yug. Rep. of Macedonia	7.2	8.5	:	54.2	14.9 ²	:	68.1	70.5 ²	71.8	74.8 ²
Turkey	9.6	6.7 ^e	6.7 ^e	95.4	39.7 ^e	38.7 ^e	59.2	66.4 ^e	64.8	71.0 ^e
Ukraine	11.4	15.4	:	16.6	12.0	11.4	64.6 ⁷	63.0 ³	74.0 ⁷	74.0 ³
<i>Council of Europe non-Member States with observer status</i>										
Belarus	9.9	13.5	14.1	16.2	9.3	9.1	65.9	63.4 ¹	75.5	74.0 ¹
Fed. Rep. of Yugoslavia	9.1	11.1	10.8	33.3	13.3	12.6	:	69.9 ^{1,9}	:	74.9 ^{1,9}
<i>Other countries/regions</i>										
United States of America	8.6	8.7	8.7	12.6	6.8	6.8	70.0	74.4	77.4	80.0
Japan	6.2	8.2	8.3	7.5	3.9	3.9	73.3	77.6	78.8	84.2
Other more developed countries	:	7.3	7.4	:	5.2	5.1	:	:	:	:
India	13.6	8.9	8.7	116.4	64.9	63.2	52.9	62.2	52.1	63.5
China	:	6.7	6.7	:	28.9	28.1	66.7	69.8	68.9	73.6
Other less developed countries	:	9.5	9.6	:	65.1	64.1	:	:	:	:

p provisional data; * national estimate (including in small instances projections); e Eurostat estimate

¹ 2000; ² 1999; ³ 1998; ⁴ 1997; ⁵ 1990; ⁶ 1980-81; ⁷ 1979-80; ⁸ 1977-86;

⁹ does not include Kosovo and Metohija.

Sources: Eurostat, Council of Europe, US Bureau of the Census - International Program Center.

Table 5: Nuptiality

COUNTRY/REGION	Marriages		Crude marriage rate			Divorces		Crude divorce rate		
	(1000)		(per 1000 population)			(1000)		(per 1000 population)		
	1980	2001	1980	2000	2001	1980	2001	1980	2000	2001
European Union	2 247.9	1 926.7^{1e}	6.3	5.1^e	:	503.3	705.6^{1e}	1.4	1.9^{1e}	:
Eurozone	1 703.1	1 542.5^{1e}	6.2	5.1^e	:	303.4	515.1^{1e}	1.1	1.7^{1e}	:
Belgium	66.4	42.1 ^p	6.7	4.4	4.1 ^e	14.5	29.4 ^p	1.5	2.6	2.9 ^e
Denmark	26.4 ⁵	35.4 ⁵	5.2	7.2	6.6	13.6	14.6	2.7	2.7	2.7
Germany	496.6	389.0 ^p	6.3	5.1	4.7 ⁺	141.0	194.4 ¹	1.8	2.4	:
Greece	62.4	57.0 ⁻	6.5	4.3 ⁻	5.4 ^e	6.7	9.5 ⁻	0.7	0.9 ^p	0.9 ^e
Spain	220.7	210.2 ⁻	5.9	5.3 ^p	5.2 ⁻	-	39.0 ¹	-	1.0	:
France	334.4	303.5 ^p	6.2	5.2 ^p	5.1 ^p	81.1	116.8 ²	1.5	2.0 ²	:
Ireland	21.8	19.2 ^p	6.4	5.0 ^p	5.0 ^e	-	2.6 ^{1p}	-	0.7 ^p	:
Italy	323.0	280.5 ¹	5.7	4.9	:	11.8	37.6 ¹	0.2	0.7	:
Luxembourg	2.1	2.0	5.9	4.9	4.5 ^e	0.6	1.0	1.6	2.3	2.3 ^e
Netherlands	90.2	81.9 ^p	6.4	5.5	5.1 ^p	25.7	37.1 ^p	1.8	2.2	2.3 ^p
Austria	46.4	34.2	6.2	4.8	4.2 ^e	13.3	19.6 ¹	1.8	2.4	:
Portugal	72.2	58.4	7.4	6.2	5.7 ^p	5.8	18.9	0.6	1.9	1.8 ^p
Finland	29.4 ⁶	24.8 ⁶	6.1	5.1	4.8	9.5	13.6	2.0	2.7	2.6
Sweden	37.6 ⁶	35.8 ⁶	4.5	4.5	4.0	19.9	21.0	2.4	2.4	2.4
United Kingdom	418.4	305.9 ¹	7.4	5.1	:	159.7	154.6 ¹	2.8	2.6	:
<i>Other Council of Europe Member States</i>										
Albania	21.7	27.3 ²	8.1	8.0 ²	:	2.0	2.1 ²	0.8	0.6 ²	:
Andorra	0.2	0.2	4.9	3.4	3.2	:	:	:	:	:
Armenia	32.2	12.3	10.4	2.9	3.2	3.4	1.8	1.1	0.4	0.5
Azerbaijan	60.1	41.9	9.8	4.9	5.2	7.1	5.4	1.2	0.7	0.7
Bosnia and Herzegovina	35.0	21.2 ^{1p}	8.6	5.8 ^p	:	2.6	1.4 ^{1p}	0.6	0.4 ^p	:
Bulgaria	69.7	32.0 ^p	7.9	4.3	4.0 ^p	13.1	10.3 ^p	1.5	1.3	1.3 ^p
Croatia	33.3	22.0 ¹	7.3	4.8 ⁺	:	5.3	4.4 ¹	1.2	1.0 ⁺	:
Cyprus	4.9	11.0 ⁻	7.9	12.9 ⁻	14.4 ⁻	0.2	1.4 ⁻	0.3	1.8 ⁻	1.8 ⁻
Czech Republic	78.3	52.4	7.6	5.4	5.1 ^p	27.2	31.6	2.6	2.9	3.1 ^p
Estonia	13.0	5.6	8.8	4.0	4.1	6.1	4.3	4.1	3.1	3.2
Georgia	50.5	12.9 ¹	10.0	2.6	:	6.8	1.9 ¹	1.3	0.4	:
Hungary	80.3	43.5 ^p	7.5	4.8	4.3 ^p	27.8	24.5 ^p	2.6	2.4	2.4 ^p
Iceland	1.3	1.5 ^p	5.7	6.3	5.2 ^p	0.4	0.5 ^p	1.9	1.9	1.9 ^p
Latvia	24.6	9.3	9.8	3.9	3.9 ^p	12.7	5.7	5.0	2.6	2.4 ^p
Liechtenstein	0.2	:	7.1	:	:	0.0	:	0.8	:	:
Lithuania	31.5	15.8	9.2	4.6	4.5 ^p	11.0	11.0	3.2	2.9	3.2 ^p
Malta	2.8	2.3 ^p	8.6	6.5	5.8 ^p	-	:	-	:	:
Moldova	46.1	21.7 ¹	11.5	6.0	:	11.3	9.7 ¹	2.8	2.7	:
Norway	22.2 ⁷	25.4 ¹	5.4	5.6	:	6.6	10.1 ¹	1.6	:	:
Poland	307.4	195.1	8.6	5.5	5.0	39.8	45.3	1.1	1.1	1.2
Romania	182.7	129.9	8.2	6.1	5.8 ^e	34.1	31.1	1.5	1.4	1.4 ^e
Russian Federation	1 464.6	1 001.1	10.6	6.2	:	580.7	763.5	4.2	4.3	:
San Marino	0.1	0.2	6.2	7.2	6.3	:	0.0 ¹	:	1.4	:
Slovak Republic	39.6	23.8	7.9	4.8	4.4	6.6	9.8	1.3	1.7	1.8
Slovenia	12.4	6.5 ^p	6.5	3.6	3.3 ^p	2.3	2.2 ^p	1.2	:	1.1 ^p
Switzerland	35.7	36.0	5.7	5.5	5.0 ^p	10.9	15.8	1.7	1.5	2.2 ^p
the former Yug. Rep. of Macedonia	16.1	14.2 ²	8.5	7.0 ²	:	0.9	1.0 ²	0.5	0.5 ²	:
Turkey	366.4	486.2 ³	8.2	:	:	15.9	34.9 ¹	0.4	0.5 ¹⁺	:
Ukraine	463.3	309.6	9.3	5.6	:	181.7	181.3	3.6	4.0	:
<i>Council of Europe non-Member States with observer status</i>										
Belarus	97.5	68.7	10.1	6.2	6.9	31.2	40.9	3.2	4.3	4.1
Fed. Rep. of Yugoslavia	74.6	57.9	7.6	5.5	5.4	11.4	8.5	1.2	0.8 ⁴⁺	0.8 ⁴⁺
<i>Other countries</i>										
United States of America	2 390.3	:	10.5	:	:	1 189.0	:	5.2	:	:
Japan	774.7	:	6.7	:	:	141.7	:	1.2	:	:

p provisional data; * national estimate; e Eurostat estimate.

¹ 2000; ² 1999; ³ 1998

⁴ does not include Kosovo and Metohija.

⁵ marriages in which at least one spouse was resident in the country

⁶ marriages of women resident in the country

⁷ marriages of men resident in the country

Sources: Eurostat, Council of Europe; US Bureau of the Census - International Program Center.

Further information:

Databases

New Cronos, Domain: DEMO

To obtain information or to order publications, databases and special sets of data, please contact the **Data Shop** network:

BELGIQUE/BELGIË	DANMARK	DEUTSCHLAND	ESPAÑA	FRANCE	ITALIA – Roma
Eurostat Data Shop Bruxelles/Brussel Planistat Belgique Rue du Commerce 124 Handelsstraat 124 B-1000 BRUXELLES / BRUSSEL Tel. (32-2) 234 67 50 Fax (32-2) 234 67 51 E-mail: datashop@planistat.be URL: http://www.datashop.org/	DANMARKS STATISTIK Bibliotek og Information Eurostat Data Shop Sejregade 11 DK-2100 KØBENHAVN Ø Tlf. (45) 39 17 30 30 Fax (45) 39 17 30 03 E-mail: bib@dst.dk Internet: http://www.dst.dk/bibliotek	STATISTISCHES BUNDESAMT Eurostat Data Shop Berlin Otto-Braun-Straße 70-72 (Eingang: Karl-Marx-Allee) D-10178 BERLIN Tel. (49) 1888 644 94 27/28 Fax (49) 1888-644 94 30 E-Mail: datashop@destatis.de URL: http://www.eu-datashop.de/	INE Eurostat Data Shop Paseo de la Castellana, 183 Despacho 011B Entrada por Estébanez Calderón E-28046 MADRID Tel. (34) 91 583 91 67/91 583 95 00 Fax (34) 91 583 03 57 E-mail: datashop.eurostat@ine.es URL: http://www.datashop.org/	INSEE Info Service Eurostat Data Shop 195, rue de Percy Tour Gamma A F-75582 PARIS CEDEX 12 Tel. (33) 1 53 17 88 44 Fax (33) 1 53 17 88 22 E-mail: datashop@insee.fr	ISTAT Centro di Informazione Statistica Sede di Roma, Eurostat Data Shop Via Cesare Balbo, 11a I-00184 ROMA Tel. (39) 06 46 73 31 02/06 Fax (39) 06 46 73 31 01/07 E-mail: dipdiff@istat.it
ITALIA – Milano ISTAT Ufficio Regionale per la Lombardia Eurostat Data Shop Via Fieno 3 I-20123 MILANO Tel. (39) 02 80 61 32 460 Fax (39) 02 80 61 32 304 E-mail: mileuro@tin.it	LUXEMBOURG Eurostat Data Shop Luxembourg 46A, avenue J.F. Kennedy BP 1452 L-1014 LUXEMBOURG Tel. (352) 43 35-2251 Fax (352) 43 35-22221 E-mail: dslux@eurostat.datashop.lu URL: http://www.datashop.org/	NEDERLAND STATISTICS NETHERLANDS Eurostat Data Shop-Voorburg Postbus 4000 2270 JM VOORBURG Nederland Tel. (31-70) 337 49 00 Fax (31-70) 337 59 84 E-mail: datashop@cbs.nl	NORGE Statistics Norway Library and Information Centre Eurostat Data Shop Kongens gate 6 Boks 8131 Dep. N-0033 OSLO Tel. (47) 21 09 46 42/43 Fax (47) 21 09 45 04 E-mail: Datashop@ssb.no	PORTUGAL Eurostat Data Shop Lisboa INE/Serviço de Difusão Av. António José de Almeida, 2 P-1000-043 LISBOA Tel. (351) 21 842 61 00 Fax (351) 21 842 63 64 E-mail: data.shop@ine.pt	SCHWEIZ/SUISSE/SVIZZERA Statistisches Amt des Kantons Zürich, Eurostat Data Shop Bleicherweg 5 CH-8090 Zürich Tel. (41) 1 225 12 12 Fax (41) 1 225 12 99 E-mail: datashop@statistik.zh.ch Internet: http://www.statistik.zh.ch
SUOMI/FINLAND STATISTICS FINLAND Eurostat Data Shop Helsinki Tilastokirjasto PL 2B FIN-00022 Tilastokeskus Työpajakatu 13 B, 2 Kerros, Helsinki P. (358-9) 17 34 22 21 F. (358-9) 17 34 22 79 Sähköposti: datashop@stat.fi URL: http://www.tilastokeskus.fi/tk/kk/datashop/	SVERIGE STATISTICS SWEDEN Information service Eurostat Data Shop Karlavägen 100 - Box 24 300 S-104 51 STOCKHOLM Tfn (46-8) 50 69 48 01 Fax (46-8) 50 69 48 99 E-post: infoservice@scb.se Internet: http://www.scb.se/info/datashop/eudatashop.asp	UNITED KINGDOM Eurostat Data Shop Office for National Statistics Room 1.015 Cardiff Road Newport South Wales NP10 8XG United Kingdom Tel. (44-1633) 81 33 69 Fax (44-1633) 81 33 33 E-mail: eurostat.datashop@ons.gov.uk	UNITED STATES OF AMERICA HAVER ANALYTICS Eurostat Data Shop 60 East 42nd Street Suite 3310 NEW YORK, NY 10165 USA Tel. (1-212) 986 93 00 Fax (1-212) 986 69 81 E-mail: eurodata@haver.com		

Media Support Eurostat (for professional journalists only):

Bech Building Office A4/017 • L-2920 Luxembourg • Tel. (352) 4301 33408 • Fax (352) 4301 35349 • e-mail: eurostat-mediasupport@cec.eu.int

For information on methodology

This publication has been produced jointly with Statistics Netherlands (for Eurostat) and David Pearce (for the Council of Europe). For further information, contact François-Carlos Bovagnet, Eurostat/E4, L-2920 Luxembourg, Tel. (352) 4301 33527, Fax (352) 4301 34029
E-mail: francois.bovagnet@cec.eu.int

ORIGINAL: English

Please visit our web site at www.europa.eu.int/comm/eurostat/ for further information!

A list of worldwide sales outlets is available at the **Office for Official Publications of the European Communities**.

2 rue Mercier – L-2985 Luxembourg
Tel. (352) 2929 42455 Fax (352) 2929 42758
URL: <http://publications.eu.int>
e-mail: info-info-opoce@cec.eu.int

BELGIQUE/BELGIË – DANMARK – DEUTSCHLAND – GREECE/ELLADA – ESPAÑA – FRANCE – IRELAND – ITALIA – LUXEMBOURG – NEDERLAND – ÖSTERREICH
PORTUGAL – SUOMI/FINLAND – SVERIGE – UNITED KINGDOM – ISLAND – NORGE – SCHWEIZ/SUISSE/SVIZZERA – BALGARIJA – ČESKÁ REPUBLIKA – CYPRUS
EESTI – HRVATSKA – MAGYARORSZÁG – MALTA – POLSKA – ROMÂNIA – RUSSIA – SLOVAKIA – SLOVENIA – TÜRKIYE – AUSTRALIA – CANADA – EGYPT – INDIA
ISRAËL – JAPAN – MALAYSIA – PHILIPPINES – SOUTH KOREA – THAILAND – UNITED STATES OF AMERICA

Order form

I would like to subscribe to Statistics in focus (from 1.1.2002 to 31.12.2002):

(for the Data Shop and sales office addresses see above)

Formula 1: All 9 themes (approximately 180 issues)

Paper: EUR 360

Language required: DE EN FR

Formula 2: One or more of the following nine themes:

Theme 1 'General statistics'

Theme 6 'External trade'

Theme 7 'Transport'

Theme 9 'Science and technology'

Paper: EUR 42

Theme 2 'Economy and finance'

Theme 3 'Population and social conditions'

Theme 4 'Industry, trade and services'

Theme 5 'Agriculture and fisheries'

Theme 8 'Environment and energy'

Paper: EUR 84

Language required: DE EN FR

Statistics in focus can be downloaded (pdf file) free of charge from the Eurostat web site. You only need to register. For other solutions, contact your Data Shop.

- Please send me a free copy of 'Eurostat mini-guide' (catalogue containing a selection of Eurostat products and services)
Language required: DE EN FR
- I would like a free subscription to 'Statistical References', the information letter on Eurostat products and services
Language required: DE EN FR
- Mr Mrs Ms
(Please use block capitals)
- Surname: _____ Forename: _____
- Company: _____ Department: _____
- Function: _____
- Address: _____
- Post code: _____ Town: _____
- Country: _____
- Tel.: _____ Fax: _____
- E-mail: _____

Payment on receipt of invoice, preferably by:

Bank transfer

Visa Eurocard

Card No: _____ Expires on: ____/____/____

Please confirm your intra-Community VAT number:

If no number is entered, VAT will be automatically applied. Subsequent reimbursement will not be possible.