

# ECONOMY AND FINANCE

THEME 2 - 2/2000

NATIONAL ACCOUNTS

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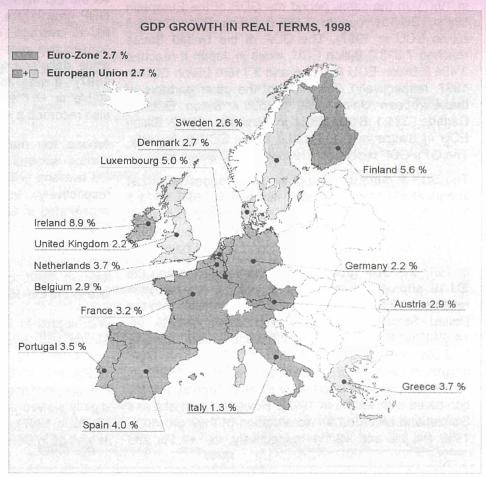


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# GROSS DOMESTIC PRODUCT

1998

Roberto BARCELLAN



The GDP at current prices in the euro-zone <sup>1</sup> reached, during 1998, 5 863.9 Billion ECU (5 641.4 Billion ECU in 1997). In the same period the GDP in the European Union (EU-15) reached 7 585.6 Billion ECU (7 266.8 Billion ECU in 1997). The United States GDP reached in 1998 7 813.8 Billion ECU, Japan's GDP 3 404.7 Billion ECU (7 319.6 and 3 718.0 Billion ECU in 1997, respectively).

The GDP growth in volume in the euro-zone and the European Union showed in 1998 an acceleration (+2.7% for both), in comparison with 1997 (+2.2% and +2.4%, respectively). The EU-15 Member States recorded a rise varying between 1.3% for Italy and 8.9% for Ireland.

With regard to the main partners of the European Union, the growth in the United States slightly slowed down in 1998 (+4,3% vs. +4,5% in 1997), while Japan underwent a clear bending (-2.5% compared with +1.6% in 1997).

The GDP per capita expressed in PPS  $^2$  passed for the euro-zone from 19 500 PPS in 1997 to 20 300 PPS in 1998. Similarly, the GDP per capita for the European Union as a whole passed from 19 300 PPS in 1997 to 20 100 in 1998. Among the Member States of the EU, the GDP per head varied between 13 700 PPS for Greece and 36 400 PPS for Luxembourg.

In comparison with the most important partners of the European Union, the United States reached a GDP per capita of 31 000 PPS, while in Japan it amounted to 22 300 PPS.

PPS: Purchasing power standard.

The countries of the euro-zone are Belgium, Germany, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal and Finland.

#### **GDP AND ITS COMPONENTS**

#### **Growth of GDP**

The GDP at current prices in the euro-zone reached, during 1998, 5 863.9 Billion ECU ( 5 641.4 Billion ECU in 1997). In the same period the GDP of the European Union (EU-15) rose to 7 585.6 Billion ECU (7 266.8 Billion ECU in 1997). The GDP of the United States reached 7 813.8 Billion ECU, while in Japan it reached 3 404.7 Billion ECU (7 319.6 and 3 718.0 Billion ECU in 1997, respectively). The GDP of the other partners of the European Union rose to 525.4 Billion ECU in Canada, 324.1 Billion ECU in Australia, 234.3 Billion ECU in Switzerland and 130.8 Billion ECU in Norway. The G7's GDP reached in 1998 17 269.0 Billion ECU.

The GDP at current prices of the five economically most important EU Member States reached in 1998 1 921.8 Billion ECU in Germany, 1 297.4 Billion ECU in France, 1 247.3 Billion ECU in the United Kingdom, 1 058.7 Billion ECU in Italy and 520.2 Billion ECU in Spain.

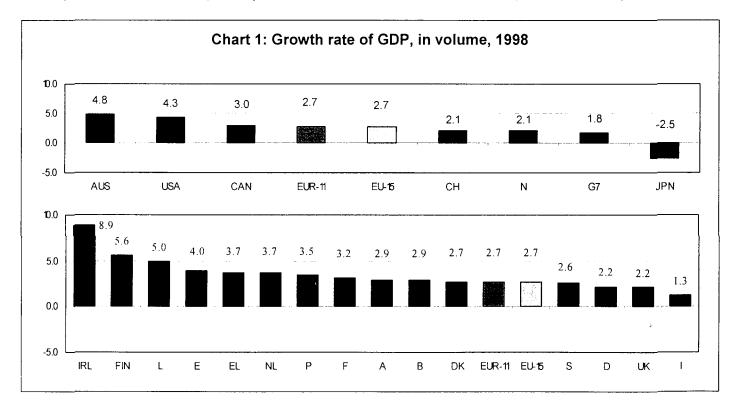
In 1998 the GDP growth rate in the euro-zone and the EU-15 showed an acceleration (+2.7% for both), in relation to 1997 (+2.2% and +2.4%, respectively). In the United States it slightly slowed down (+4,3% vs. +4,5%), while in Japan it underwent a clear bending (- 2.5% compared with +1.6% in 1997). The GDP growth slowed down in Canada (+3.0% in 1998 vs. +3.8% the previous year), as well as in Norway (+2.1% compared with +4.3% in 1997). However, Australia and Switzerland recorded an acceleration of their growth in 1998 (+4.8% and +2.1% respectively, vs. +4.1% and

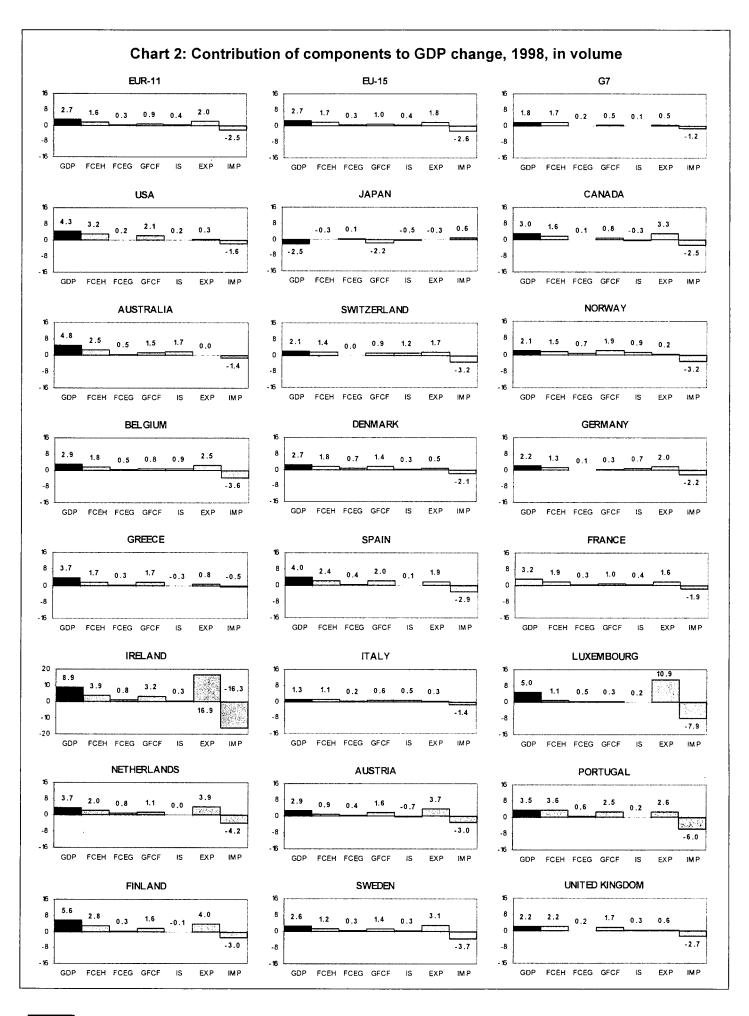
+1.7% in 1997). The increase in the G7's GDP as a whole slowed down, passing from 2.9% in 1997 to 1.8% in 1998.

All the EU Member States recorded in 1998 a positive GDP growth rate. Ten of them ranked even above the EU-15 average (+2.7%). Ireland recorded for the fifth consecutive year the highest growth rate in the EU-15, while decelerating (+8.9% compared with +10.7% in 1997); it was followed by Finland, which remained stable at +5.6%, and by Luxembourg (+5.0%), which also recorded a slowdown (+7.3% in 1997).

Among the major European economies, Spain and France showed a higher GDP growth rate than the EU average (+4.0% and +3.2% vs. +3.8% and +2.0%, respectively, in 1997). If the GDP progression accelerated in Germany (+2.2% in 1998, vs. +1.5% in 1997), it nevertheless slowed down in the United Kingdom, posting a rate lower than the European average (+2.2% in 1998 compared with +3.5% in 1997). Italy, in 1998, continued recording the lowest growth rate in the EU-15 (+1.3%, vs. +1.5% in 1997).

With regard to the other EU Member States, Greece, Austria and Sweden accelerated their growth (+3.7%, +2.9% and +2.6% respectively in 1998, vs. +3.4%, +1.2% and +1.8% in 1997). The economic growth in Portugal remained stable (+3.5%); on the other hand, it slightly slowed down in Belgium (+2.9% compared with +3.2% in 1997), in the Netherlands (+3.7% vs. +3.8%), as well as in Denmark (+2.7% vs. +3.1%).







## Household's final consumption expenditure (FCEH)

The household's final consumption expenditure at current prices reached in 1998 a value of 3 313.7 Billion ECU (56.5% of the GDP) in the euro-zone, and 4 386.7 Billion ECU (57.8% of the GDP) in EU-15. In the United States it rose to 5 216.8 Billion ECU (66.8% of the GDP), and to 2 081.5 (61.1% of the GDP) in Japan. Concerning the other EU partners, it reached 310.2 Billion ECU (59.0% of the GDP) in Canada, 191.5 Billion ECU (59.1% of the GDP) in Australia, 140.9 Billion ECU (60.1% of the GDP) in Switzerland and 65.1 Billion ECU (49.8% of the GDP) in Norway. The household's final consumption expenditure at current prices reached in 1998 the value of 10 855.6 Billion ECU (62.9% of the GDP) for all the G7 countries.

With regard to the EU Member States, the share of the household's final consumption expenditure on the GDP varied in 1998 between a maximum of 75.0% for Greece and a minimum of 45.2% for Luxembourg. Germany accounted for 57.5%, France for 55.0%, the United Kingdom for 64.6%, Italy for 58.9% and Spain for 59.2%.

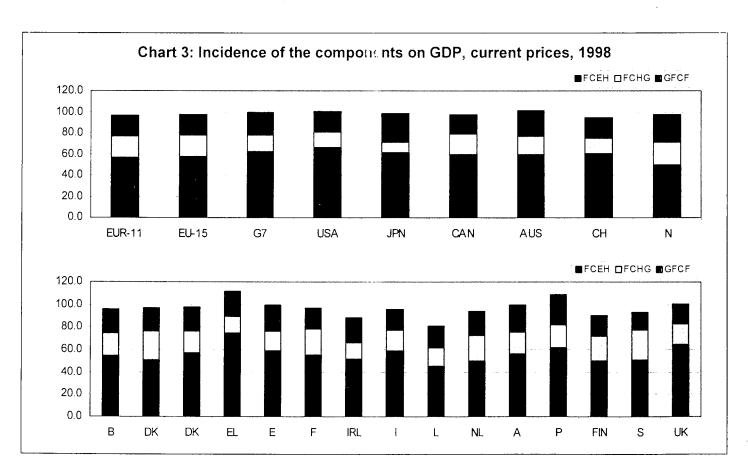
In 1998, household's final consumption expenditure increased definitely both in the euro-zone and in the EU-15 (+2.9% and +3.0%, respectively). It continued accelerating in the United States (+4.9%), in Australia

(+4.3%) and in Switzerland (+2.3%). In Canada, on the other hand, the growth of the FCEH slowed down (+2.8%), as well as in Norway (+3.1%). In Japan, it recorded a bending (-0.5%). It reached a +2.6% growth rate for the G7.

The increase in the household's final consumption expenditure accelerated in most EU Member States, with the exception of Greece, Italy, Luxembourg and the United Kingdom, where it slowed down. It remained virtually stable in Denmark and in Ireland.

### Government final consumption expenditure (FCEG)

Government final consumption expenditure reached in 1998 1 180.4 Billion ECU (20.1% of the GDP) in the euro-zone, and 1 519.2 Billion ECU (20.0% of the GDP) in the EU-15. In the United States it rose to 1 124.8 Billion ECU (14.4% of the GDP), and in Japan to 346.1 Billion ECU (10.2% of the GDP). With regard to the other partners of the EU, the FCEG recorded a value equal to 102.9 Billion ECU (19.6% of the GDP) in Canada, 58.6 Billion ECU (18.1% of the GDP) in Australia, 34.8 Billion ECU (14.9% of the GDP) in Switzerland and 28.1 Billion ECU (21.5% of the GDP) in consumption Norway. The Government final expenditure reached in 1998 the value of 2 668.8 Billion ECU (15.5% of the GDP) for the G7.



The share of the Government final consumption expenditure on the GDP varied in 1998, for the EU Member States, between a maximum of 26.6% for Sweden and a minimum of 14.6% for Ireland. Germany accounted for 19.0%, France for 23.6%, the United Kingdom for 18.2%, Italy for 18.6% and Spain for 17.4%.

The Government final consumption expenditure increased distinctly in 1998 both in the euro-zone and the EU-15 (+1.3% for the two). It slowed down in the United States (+1.1%), while it remained stable in Japan (+1.5%). However it accelerated in Australia and in Norway (+2.6% and +3.7% respectively). In Canada it showed a resumption (+0.7%), conversely to Switzerland where it underwent a bending (-0.2%). The DCFG posted a +0.9% growth rate for the G7.

The increase in the Government final consumption expenditure accelerated in most Member States, exception made for Spain, France and Finland, where it slowed down. It remained stable in the Netherlands.

#### Gross fixed capital formation (GFCF)

The value of gross fixed capital formation reached in 1998 1 188.5 Billion ECU (20.3% of the GDP) in the euro-zone, and 1 496.4 Billion ECU (19.7% of the GDP) in the EU-15. In the United States it reached 1 542.0 Billion ECU (19.7% of the GDP), and 912.4 Billion ECU (26.8% of the GDP) in Japan. With regard to the other partners of the EU, the value of the investments reached 101.5 Billion ECU (19.3% of the GDP) in Canada, 77.2 Billion ECU (23.8% of the GDP) in Australia, 46.5 Billion ECU (19.9% of the GDP) in Switzerland and 33.8 Billion ECU (25.9% of the GDP) in Norway. The value of the GFCF for the G7 reached 3 609.3 Billion ECU (20.9% of the GDP).

With regard to the EU Member States, the share of investments on the GDP varied between a maximum of 26.5% for Portugal and a minimum of 15.8% for Sweden. In Germany it accounted for 21.1%, in France for 18.4%, in the United Kingdom for 17.5%, in Italy for 18.1% and in Spain for 22.8%.

Gross fixed capital formation very strongly accelerated in 1998 both in the euro-zone and in the EU-15 (+4.3% and +5.1%, respectively, vs. +2.1% and +2.9% in 1997). In the United States, it continued its expansion and reached +10.6% (+7.5% in 1997); the same is true in Switzerland (+4.4% compared with +1.5% in 1997). On the other hand, in Canada, in Australia and Norway

(+4.2%, +6.1% and +8.1%, respectively) investments slowed down in comparison with previous years. In Japan, the decline in investments worsened (-7.4%, vs. -0.8% in 1997). Investments for the G7 increased by 1.2%.

The progression of the gross fixed capital formation continued in 1998 in approximately half of the EU Member States, especially in Spain, in France and in Austria. In Sweden, a strong resumption was recorded. However the other Member States saw a deceleration, more remarkable in Greece and especially in Luxembourg.

#### The external balance

In 1998, the value of exports in the euro-zone reached 1 909.7 Billion ECU, while imports reached 1 775.3 Billion ECU. For the EU-15, these values accounted for 2 406.3 and ECU 2 277.8 Billion ECU, respectively.

The value of the US exports reached in 1998 862.0 Billion ECU, vs. 995.4 Billion ECU concerning imports. Japan exported for 377.9 Billion ECU, and imported for ECU 311.5 Billion ECU. The value of the G7's exports reached in 1998 2 936.4 Billion ECU, that of imports 2 917.1 Billion ECU.

Among the other partners of the EU, Canada exported for 220.5 Billion ECU, Australia for 64.3 Billion ECU, Switzerland for 94.3 Billion ECU, and Norway for 48.9 Billion ECU. Imports in these countries accounted for 213.9 Billion ECU for Canada, 70.0 Billion ECU for Australia, 85.4 Billion ECU for Switzerland, and 48.6 Billion ECU for Norway.

In 1998, the commercial surplus fell in the euro-zone and in the EU-15 particularly (+2.1% and +1.4% of the GDP, respectively, vs. +2.6% and +2.1% in 1997). In the United States, the trade deficit continued worsening (-2.7% of the GDP, vs. - 1.4% in 1997), as in Australia (-2.1% of the GDP vs. - 0.9% in 1997). The commercial surplus increased in Japan (+2.5% of the GDP) and in Canada (+2.4% of the GDP). It reduced In Switzerland and especially in Norway (+3.1% and +1.7% of the GDP, respectively).

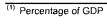
The commercial surplus lowered in Belgium, in Denmark, in Germany, in France, in Ireland, in Italy, in the Netherlands and in Sweden; it increased in Luxembourg, as well as in Finland. In Austria, the trade balance became positive again. In Portugal and in the United Kingdom, however, the trade deficit worsened, while it reduced in Greece. Spain recorded a deficit too.



EUR-11, EU-15, ECONOMIC AREAS, EU MEMBER STATES AND MAIN PARTNERS GROWTH OF GDP AND ITS COMPONENTS

#### PERCENTAGE CHANGE OVER PREVIOUS PERIOD - IN VOLUME

		GE	)P		C	useho onsur expen	nptio	n	C	onsur	nent fi nption diture	1	Gros	s Fix		pital			ge in ories		Don	nestic	: Dem	and		Exp	orts			lmp	orts		Ext	ernal	Balan	ice 1
	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98
I) ECONOMI	C ARE	AS																																		
EUR-11	ND	1,3	2,2	2,7	ND	1,4	1,4	2,9	ND	1,8	0,5	1,3	ND	0,9	2,1	4,3	0,6	0,1	0,4	0,8	ND	0,9	1,7	3,3	ND	4,5	10,0	6,3	ND	3,1	8,7	8,5	1,7	2,1	2,6	2,1
EU-15																																			2,1	-
G7	2,2	3,2	2,9	1,8	2,4	2,6	2,3	2,8	9,0	1,3	1,0	1,1	2,8	7,0	2,9	2,3	0,4	0,3	0,7	8,0	2,2	3,2	2,7	2,5	7,5	5,9	10,5	3,1	7,7	6,3	9,2	7,1	0,4	0,3	0,6	-0,1
II) MAIN PAF	RTNER	s																																		
USA	2,7	3,7	4,5	4,3	3,1	3,3	3,7	4,9	0,0	0,6	2,3	1,3	5,4	8,4	7,5	10,6	0,4	0,4	0,9	1,0	2,6	3,8	4,7	5,6	10,3	8,3	12,7	2,2	8,2	8,6	13,7	11,6	-1,1	-1,2	-1,4	-2,7
	1,5																																			
	2,6																																			
AUS	3,8	4,4	4,1	4,8	5,0	3,4	3,8	4,3	2,5	2,7	2,0	2,6	4,4	5,3	11,5	6,1	0,4	0,6	-0,6	1,0	4,4	3,9	4,0	6,1	5,3	10,8	11,1	-0,1	8,2	8,2	10,3	6,0	-1,4	-1,0	-0,9	-2,1
III) MEMBER	STAT	ES																																		
В	2,6	0,9	3,2	2,9	0,8	1,1	2,3	3,4	1,0	2,3	-0,5	2,4	5,5	0,9	6,3	3,6	0,2	-0,4	-0,5	0,3	2,0	0,7	2,3	4,2	5,7	1,2	7,1	3,4	5,0	1,0	6,0	5,3	4,1	4,2	5,0	3,9
	3,7																													4,3	8,5	6,4	4,1	4,4	3,2	1,5
D	1,7	8,0	1,5	2,2	2,1	8,0	0,7	2,3	1,5	2,1	-1,1	0,5	-0,7	-1,1	0,5	1,4	0,2	-0,1	0,2	0,9	1,7	0,3	0,7	2,5	5,7	5,1	10,9	7,0	5,6	3,2	8,3	8,5	0,7	1,2	1,9	1,6
EL	i	2,4	•		ND																						7,9				9,5					-8,4
E																															12,8					-0,1
F	1,7	1,1	2,0	3,2	1,2	1,3	0,2	3,4	-0,1	2,3	1,7	1,1	2,0	0,0	0,5	5,7	0,5	-0,1	0,1	0,4	1,6	0,7	0,8	3,6	7,7	3,5	10,7	6,2	8,0	1,6	6,2	8,7	1,4	1,8	2,9	2,4
IRL	9,5	7,7	10,7	8,9	3,7	6,5	7,3	7,4	3,0	2,7	4,8	5,7	14,1	16,3	17,3	15,9	-0,7	-1,0	-0,8	-0,4	6,3	7,4	9,2	9,5	19,6	11,8	17,0	20,5	16,1	12,0	16,1	23,2	10,9	11,1	12,3	11,9
ļ		0,9			1,7		2,5	1,8	0,2	1,4	-0,5	1,3	6,0	2,3	0,9	3,5	1,8	8,0	1,6	2,1	3,3	0,2	2,5	2,5	3,0	1,5	5,0	1,2	4,7	-1,3	10,0	6,1	2,8	3,4	2,5	1,3
L	. ND	2,9	7,3	5,0	ND	4,4	3,8	2,3	ND	4,4	2,1	2,8	ND	-3,5	10,5	1,5	-0,4	-0,1	0,3	0,4	ND	2,7	5,5	2,4	ND	4,0	10,5	9,9	ND	4,0	9,3	8,3	13,2	13,3	14,7	16,8
NL	2,3	3,0	3,8	3,7	ND	4,0	2,6	4,1	0,7	-0,4	3,3	3,3	4,6	6,3	5,9	5,2	0,7	0,2	0,1	0,1	2,6	2,8	3,4	4,2	6,5	4,6	9,0	6,4	7,7	4,4	9,0	7,7	5,9	6,1	6,4	5,9
<b>A</b>	ı																														9,4					
P	2,9	3,2	3,5	3,5	1,8	2,5	3,0	5,6	2,5	1,8	2,1	3,3	4,7	5,7	11,7	9,7	1,1	1,4	1,2	1,4	2,8	3,4	4,6	6,3	11,8	7,6	8,1	7,8	9,5	7,5	10,4	14,3	-6,9	-7,2	-8,4	-11,4
FIN	3,9	4,1	5,6	5,6	4,3	3,5	2,9	5,5	2,0	2,5	2,9	1,4	10,8	8,4	11,7	9,0	1,1	1,0	0,4	0,3	3,3	3,9	3,9	5,1	8,7	6,1	14,2	9,6	7,9	6,3	11,4	9,4	8,0	8,1	9,5	10,0
S		1,3																													11,7					
UK	2,8	2,6	3,5	2,2	1,7	3,6	3,9	3,4	1,6	1,7	-1,4	1,0	2,9	4,9	7,5	9,9	0,6	0,2	0,5	0,7	1,8	3,0	3,8	4,3	9,5	7,5	8,6	2,0	5,5	9,1	9,2	8,4	-0,4	-0,9	-1,1	-3,1
IV) EFTA																																				
СН	0.5	0.3	1,7	2,1	0.6	0.7	1.3	2.3	-0.1	2.0	0.6	ا2.0ء	1.8	-2.4	1.5	4.4	0.0	0.1	0.0	1.2	1.5	0.3	1.1	3.7	1.6	2.5	9.0	4.6	5.1	2.7	8,1	94	4 0	4 ∩	4.6	3.1
	ND	4,9	4,3	2,1	ND	5,3	3,7	3,1	ND	2,8	2,8	3,7	ND	9,9	15,1	8,1	3,0	1,5	1,8	2,6	ND	4,2	6,4	5,4	ND	9,3	5,7	0,5	ND	8.0	12.0	9.1	6.0	6.7	4.7	1,7
N.	טא וו	4,9	4,3	2,1	טא	5,3	3,7	3,1	ND	2,8	2,8	3,7	ND	9,9	15,1	8,1	3,0	1,5	1,8	2,6	טמ	4,2	6,4	5,4	ND	9,3	5,7	0,5	ם או	8,0	12,0	9,1	6,0	6,7	4,7	







EUR-11, EU-15, ECONOMIC AREAS, EU MEMBER STATES AND MAIN PARTNERS GDP AND ITS COMPONENTS

1995-98, MILLIONS OF ECU, CURRENT PRICES

		GI	OP .		Housel		al consu nditure	mption	_	overnm mption			Gı	oss Fixe Form		tai			ge in tories		D	)omestic	: Deman	ıd	Exports			Imports				
	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98	95	96	97	98
I) ECONOMIC	AREAS	;																														
EUR-11	5 307.4	5 528.7	5 641.4	5 863.9	2 995.9	3 138.6	3 190.1	3 313.7	1 097.0	1 147.4	1 152.8	1 180.4	1 093.9	1 119.6	1 134.7	1 188.5	33.8	7.5	26.3	48.0	1 548.8	1 636.6	1 804.0	1 909.7	1 461.0	1 520.5	1 665.3	1 775.3	87.9	116.1	138.6	134.4
EU-15	6 577.6	6 903.9	7 266.8	7 585.6	3 774.7	3 987.1	4 199.8	4 386.7	1 364.1	1 434.3	1 475.8	1 519.2	1 304.9	1 352 6	1 412.0	1 496.4	39.4	7.0	30.5	56.0	1 931.2	2 056.0	2 297.0	2 406.3	1 835.8	1 932.6	2 147.2	2 277.8	95.4	123.4	149.8	128.5
G7	14 795.9	15 246.0	16 876.4	17 269.0	9 181.0	9 484.7	10 524.2	10 855.6	2 327.6	2 403.2	2 614.7	2 668.8	3 165,5	3 267.6	3 554.9	3 609.3	64.9	49.5	111.1 1	15.0	2 341.9	2 492.6	2 899.9	2 936.4	2 285.0	2 450.8	2 829.0	2 917.1	56.9	41.8	71.0	19.3
II) MAIN PAR	TNERS																															
USA	5 657.9	6 153.3	7 319.6	7 813.8	3 798.9	4 124.9	4 871.4	5 216.8	866.9	922.9	1 078.3	1 124.8	1 031.2	1 152.1	1 387.5	1 542.0	25.3	23.6	60.2	63.5	625.8	688.5	853.6	862.0	690.2	758.5	931.5	995.4	-64.4	-70.1	-77.9	-133.4
JPN	3 928.2	3 623.2	3 718.0	3 404.7	2 361.7	2 167.8	2 231.7	2 081.5	385.5	350.7	361.5	346.1	1 118.7	1 067 6	1 062.2	912.4	4.4	17.7	18.7	-1.7	369.0	359.9	411.0	377.9	311.1	340.5	367.1	311.5	57.9	19.4	43.9	66.4
CAN	442.7	471.7	543.8	525.4	251.8	270.9	316.5	310.2	96.3	98.3	108.2	102.9	76.1	83.4	103.2	101.5	4.9	1.2	5.5	3.2	167.7	184.7	218.4	220.5	154.0	165.8	208.5	213.9	13.7	18.8	9.9	6.6
AUS	277.9	321.2	359.6	324.1	165.6	189.3	211.9	191.5	52 1	59.7	65.6	58.6	63.0	716	83.4	77.2	1.0	1.2	-2.4	2.5	53.1	62.0	73.4	64 3	57.0	62.6	72.2	70.0	-3.9	-0.6	1.2	-5.7
III) MEMBER	STATES	;																														
в	210.9	212.0	215.3	223.1	113.8	115.2	116,1	120.6	45.2	45.9	45.5	47.0	42.9	42.9	44.7	46.3	0.5	-0.5	-0.6	0.6	147.9	150.6	163.4	168.2	139.4	142.1	153.7	159.5	8.6	8.5	9 7	8.7
DK	137.8	144.3	148.9	155.8	69.5	72.3	75.1	79.0	35.5	37.2	37.8	39.8	25.6	27.2	30.1	32.5		0.5	0.7	1.6	48.8		54.4	54.5	43.1	44.5			5.6		5.1	2.8
D	1 880.2	1 877.9	1 866.5	1 921.8	1 068.2	1 076.4	1 072.5	1 104.4	372.4	375.7	363.6	365.3	421.9	408.1	399.6	404.8	4.3	-2.9	3.6	15.1	460.2	475.9	519.7	554.6	446.9	455.4	492.4	522.5	13.3	20.6	27.3	32.1
ELÌ	89.9	98.0	106.7	108.6	69.1	75.7	81.4	81.4	13.8	14.2	15.7	16.0	16.7	19 1	22.5	24.0	-3,1	-3.3	-4.2	-4 3	15.8	17.2	19.0	19.1	22.4	25.0	27.6	27.7	-6.6	-7.8	-86	-8.5
E	446.9	479.7	493.0		•		292.4	308.2	80.7	86.3	86.9	90.3	98.2		108.0	118.4				1.5	101.0		132.0	141.2	101.8			1	-0.8	2.4	4.7	1.8
F	1 188.1	1 224.6	1 243.8	1 297.4	659.5	683.9	682.5	713.2	283.6	296.2	299.1	306.2	223.3	226.3	224.8	238.5	5.4	-2.1	8.0	5.3	267 4	282.6	316.6	337.1	251.1	262.3	280.0	302.9	16.3	20.3		34.2
IRL	50.3	57.0	69.3	75.9	28.1	31.6	36.9	39.0	8.3	90	10.5	11.1	8.8	10.9	14.4	17.0	0.5	0.5	0,8	1.0	37.8	43.3	54.4	64.0	32 3	37.0	45.9	55.1	5.5	6.3	8-4	8.9
"\"-	839.0	967.9	1 023.5		ł	564.4	602.9	623.6	153.5	179 9	190 5	196.4	153.9	175.7	183.8	191.7				20.9	207.6		249.5	253.0	184.0					37.8		
L]	14.0	14.3	15.4	16.4	6.7	7.0	7.1	7.4	2.5	2.6	2.7	2.7	3.0	2.9	3.1	3.1				0 1	14.8		16.9	18.6	13.0			15.6	1.8		2.5	3.0
NL	317.3	324.5	332.4	349.7	155.6	161.8	164.1	173.2	76.2	75.0	76.3	80.3	64.4	68.4	71.3	75.9	2.2	0.7	0.4	0.6	182.3	187.9	203.4	213.1	163.4	169.3	183.1	193.5	18.8	18.6	20.3	19.6
А	180.2	182.6	182.5	188.5	101.1	104.7	103.7	105.8	36.7	37.0	36.1	37.3	41.8	42.4	42.1	45.5	2.0	0.4	3.1	0.8	68 6		77. <b>7</b>	84.6	70.0	74.2	80.3	85.6	-1.4		-26	-1.0
Р	82.1	87.3	92.0	97.6	51.6	55.1	57.3	60.8	15.4	16.7	17.8	19.2	19.8	214	238	25.9	0.9	0.2	8.0	0.9	246	25.9	27.9	30.2	30 2	32.0	35.6	39.3	-5.6	-6.1	-77	-9 2
FIN	98.3	100.8	107.6	114.7	51.1	52.6	54.7	57.6	22 5	23 1	23.9	24.5	15.9	16 8	19 1	21.1	1.3	-0.2	0.5	1.2	36 7	37 9	42.5	45.2	28.8	30.2	33.5	34.9	7.8	78	8 9	10 3
s	182.8	205.7	208.6				106.3	106.6	48.4	55.9	56.1	55.9	28.3	32.3	31.0	33.2	1			1.9	73 6		88.5	91.5	61.7	66.8				13.2		
uĸ	859.7	927.3	1 161.2	1 247.3	548.0	596.5	746.8	805.9	169.4	179.5	213 5	227.0	140.4	154.4	193 8	218.2	5.3	1.9	6.4	8 8	244 2	270.7	331.3	331.4	247 6	275.9	330.5	344.0	-3.4	-5 1	0 7	-12.6
IV) EFTA					•			•								,	•			·					'			,				
CH	235.1	233.3	226.0	234.3	139.8	140.2	136.2	اممير	35 6	36 1	24.2	34.8	50.2	47 1	44.3	46.5	0.0	0.3	1 4	3 1	97.5	92.0	90.0	04.3	72.	74 3	80.0	05.4		0.0	99	8.9
N N	112.1	124.0	135.8	130.8	i .	59.8	65.0	140.9 65.1	23.5	25.2	34.2 27.2	28.1			31.7		3.3			- 1	82.5 42.7		89.8 55.9	94.3 48.9	73 1 35 9				9.4	96 107		0.3
	112.1	124.0	133.0	130.0	1 33.3	33.0		03.1	20.0	23.2	21.2	20.1	25.2	204	31.7	33.0	1 3.3	1.5	2.5	3.7	74 /	30.0	33.9	40.9		39.9		40.0	0.7		30	

#### **GDP PER CAPITA**

The GDP, and in particular the GDP per capita, is one of the most important economic indicators. It is particularly suitable for space and/or temporal international comparisons of economic aggregates. GDP and GDP per capita can be measured on the basis either of a common currency (the ECU until December 1998, the euro henceforth), or the PPS (see methodological note).

The use of the PPS often reveals important divergences between the "real" values of the GDP of the EU Member States and their "nominal" values.

For example, the level of the GDP per capita of Denmark in 1998 was 29 400 ECU in face value and 24 000 PPS in real terms. In Portugal it reached 9 800 ECU in face value and 14 600 PPS in real terms. The analysis of the GDP per capita made therefore reference to values expressed in PPS.

The GDP per head of the European citizens did not stop increasing: in 1998, it passed, for the euro-zone Member States, from 19 500 PPS in 1997 to 20 300 PPS. For the European Union as a whole, it passed from 19 300 PPS to 20 100 PPS.

Among the partners of the European Union, the United States reached in 1998 a GDP per capita of 31 000

PPS, and Japan 22 300 PPS. Canada accounted for 22 700 PPS, Australia for 21 900 PPS, Switzerland for 24 800 PPS and Norway for 23 900 PPS.

Luxembourg confirmed its place of excellence at world level: its GDP per capita indeed passed from 34 500 PPS in 1997 to 36 400 PPS in 1998. At EU-15 level, Denmark ranked in second position, with 24 000 PPS, followed closely by Belgium (22 600 PPS) and Austria (22 200 PPS).

With regard to the five biggest European economies, Spain (16 400 PPS) remained in 1998 below the Union average; however, Germany (21 800 PPS), France (20 400 PPS), Italy (20 400 PPS) and the UK (20 200 PPS) ranked above.

With regard to the other Member States of the EU, Ireland (21 200 PPS) exceeded the European average, as well as the Netherlands, which accounted for 21 900 PPS, and Finland, with 20 200 PPS. This however was not the case for Sweden, with 20 100 PPS. The base of the scale is held by Greece (13 700 PPS) and Portugal (14 600 PPS).

On the whole, eleven Member States posted in 1998 a GDP per capita in PPS exceeding the EU average.

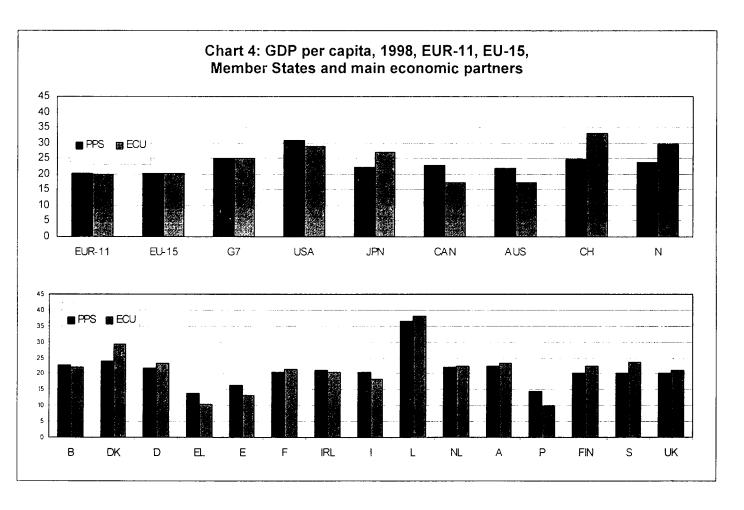




Table 3 : Euro-zone, European Union, Member States and main economic partners GDP per capita GDP per capita, in ECU GDP per capita, in PPS 1995 1995 1996 1997 1998 1996 1997 1998 I) ECONOMIC AREAS 19 300 EUR-11 19 000 20 000 17 900 18 600 19 500 20 300 18 300 EU-15 17 600 18 400 19 300 20 100 17 600 18 400 19 300 20 100 G7 21 800 24 300 21 900 22 500 24 700 25 200 23 100 25 200 II) MAIN ECONOMIC PARTNERS **USA** 26 200 27 700 29 400 31 000 21 500 23 200 27 300 28 900 **JPN** 20 300 21 900 22 600 22 300 31 300 28 800 29 500 26 900 17 400 20 300 22 700 CAN 21 200 22 300 15 100 15 900 18 100 AUS 18 800 20 000 21 200 21 900 15 400 17 500 19 400 17 300 **III) MEMBER STATES** 19 800 21 600 22 600 20 800 20 900 21 100 21 900 В 20 500 DK 20 800 22 100 23 200 24 000 26 400 27 400 28 200 29 400 23 400 D 19 400 20 300 21 000 21 800 23 000 22 900 22 700 EL 11 600 12 300 13 100 13 700 8 600 9 400 10 200 10 300 Ε 13 800 14 700 15 600 16 400 11 400 12 200 12 500 13 200 F 18 300 18 700 19 600 20 400 19 900 20 400 20 700 21 500 **IRL** 16 300 20 500 17 200 19 300 21 200 14 000 15 700 18 900 18 300 19 000 19 800 20 400 14 600 16 900 17 800 18 400 L 30 500 34 500 36 400 38 200 31 400 33 800 34 300 36 400 NL 19 300 20 900 21 900 22 300 19 800 20 500 20 900 21 300 Α 19 500 20 700 21 500 22 200 22 400 22 700 22 600 23 300 Р 12 400 12 900 13 900 14 600 8 300 8 800 9 300 9 800 FIN 17 000 17 700 18 900 20 200 19 300 19 700 20 900 22 300 23 700 S 18 000 18 700 19 400 20 100 20 700 23 300 23 600 UK 16 900 21 100 18 200 19 400 20 200 14 700 15 800 19 700 IV) EFTA 23 400 23 000 23 900 31 800 33 000 CH 24 800 33 600 32 900

#### > ESSENTIAL INFORMATION - METHODOLOGICAL NOTES

22 700

24 300

#### GDP in ECU and in PPS

23 900

25 700

GDP, and in particular the GDP per capita, is one of the main indicators for economic analysis as well as spatial and/or temporal international comparisons.

In order to facilitate these international comparisons, the GDP in national currency of each Member State is converted into a common currency (ECU until 1998, euro starting from 1999), by means of the official exchange rate. However, this does not necessarily reflect the actual purchasing power of each national currency on its economic territory, because the converted GDP is a function not only of the level of goods and services produced on the economic territory, but also of the general price level. Therefore, the simple use of the GDP converted into a common currency does not provide, in most cases, a correct indication of the "real" volume of goods and services.

In order to remove the distortions due to price level differences, transitive Purchasing Power Parities (PPPs) are calculated and used as a factor of conversion. These parities are obtained as a weighted average of relative price ratios regarding a homogeneous basket of goods and services, comparable and representative for each Member State.

The "real" values of GDP obtained in this way are then expressed in terms of Purchasing Power Standards, (PPS), a unit that is independent of any national currency.



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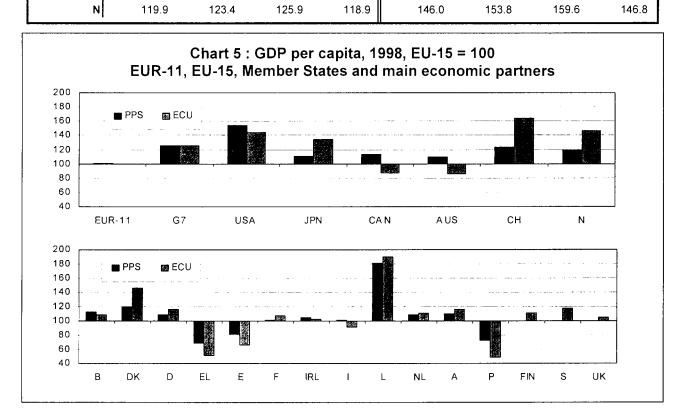
21 100

30 800

28 300

29 500

Table 4 : E	•	European apita, EU-1	•	/lember St	ates and m	nain econ	omic partı	ners
		per capita in		5=100	GDP po	er capita in	ECU, EU-15	=100 -
	1995	1996	1997	1998	1995	1996	1997	1998
I) ECONOMIC A	AREAS							
EUR-11	101.7	101.1	101.0	101.0	104.0	103.3	100.0	99.5
EU-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G7	123.9	125.5	125.9	125.4	124.4	122.3	128.0	125.4
II) MAIN ECON	OMIC PARTN	ERS						
USA	148.9	150.5	152.3	154.2	122.2	126.1	141.5	143.8
JPN	115.3	119.0	117.1	110.9	177.8	156.5	152.8	133.8
CAN	115.3	115.2	115.5	112.9	85.8	86.4	93.8	86.6
AUS	106.8	108.7	109.8	109.0	87.5	95.1	100.5	86.1
III) MEMBER S	TATES							
в	112.5	111.4	111.9	112.4	118.2	113.6	109.3	109.0
DK	118.2	120.1	120.2	119.4	150.0	148.9	146.1	146.3
D	110.2	110.3	108.8	108.5	130.7	124.5	117.6	116.4
EL	65.9	66.8	67.9	68.2	48.9	51.1	52.8	51.2
E	78.4	79.9	80.8	81.6	64.8	66.3	64.8	65.7
F	104.0	101.6	101.6	101.5	113.1	110.9	107.3	107.0
IRL	92.6	93.5	100.0	105.5	79.5	85.3	97.9	102.0
1	104.0	103.3	102.6	101.5	83.0	91.8	92.2	91.5
니	173.3	170.7	178.8	181.1	192.0	186.4	188.6	190.0
NL	109.7	107.6	108.3	109.0	116.5	113.6	110.4	110.9
A	110.8	112.5	111.4	110.4	127.3	123.4	117.1	115.9
P	70.5	70.1	72.0	72.6	47.2	47.8	48.2	48.8
FIN	96.6	96.2	97.9	100.5	109.7	107.1	108.3	110.9
l s	102.3	101.6	100.5	100.0	117.6	126.6	122.3	117.9
υκ	96.0	98.9	100.5	100.5	83.5	85.9	102.1	105.0
IV) EFTA				1				
сн	133.0	125.0	123.8	123.4	190.9	178.8	164.8	164.2
l N	110 0	123.4	125.0	1180	1460	153.8	150.6	146.8



#### > ESSENTIAL INFORMATION - METHODOLOGICAL NOTES

#### **ESA 1995**

The European System of National and Regional Accounts ("ESA 1995") is an internationally compatible accounting framework for a systematic and detailed description of a total economy (that is a region, country or group of countries), its components and its relations with other total economies.

表现中央的设备存储的第三人称单数的过程 计可可能可能 电电压电路

The ESA 1995 replaces the European System of Integrated Economic Accounts published in 1970 (ESA 1970; a second slightly modified, edition appeared in 1978, "ESA 1979").

The ESA 1995 is fully consistent with the revised world-wide guideliness on national accounting, the System of National Accounts ("SNA 1993"). These guidelines have been produced under the joint responsibility of the United Nations, the IMF, the Commission of the European Communities, the OECD and the World Bank. However, the ESA 1995 is focused more on the circumstances and data needs in the European Union.

The ESA 1995, as the ESA 1979, is therefore the central framework of reference for compiling national accounts.

**Two changes** have been made which affect all headings across the board. These are as follows:

- it is now standard practice to record transactions at the time of the events that generate them and not at the time of actual payment. This principle is known as accruals accounting;
- estimates at constant prices have been improved and now account better for new products and changes in quality and productivity, including in the case of non-market services (education and health).

There has been relatively little change in the way in which production is recorded. Like ESA 79, ESA 95 records all goods and services produced, including the production of housing services by owner-occupiers, but it excludes domestic and personal services produced and consumed within the same household. Income from production that is not declared to the tax authorities because of tax evasion or clandestine work also needs to be included in the estimates. Illegal activities are included within the production boundary but are not yet taken into account because harmonised estimation methods are still under examination.

The main methodological changes in terms of their impact on GDP are as follows:

 a number of intangible assets are now recorded as capital formation and no longer as intermediate consumption. Such assets include expenditure on the development of computer software and databases purchased or produced on own account, and mineral exploration;

- payments received for permission to use recreational, literary, artistic and original audiovisual works, and for licences to use intangible non-produced assets (patents, brand names, copyright and franchises) are now regarded as production and not as property income;
- the production of insurance other than life insurance has been amended to take income from the investment of insurance technical reserves into account;
- the rules governing the market or non-market nature of institutional units have been clarified. The resultant (limited) sectoral reclassifications affect the overall level of production because market production is assessed differently from nonmarket production;
- infrastructure work carried out by general government (roads, dams, dykes) is recorded as consumption of fixed capital, thereby increasing the non-market production of general government, calculated as the sum of production costs (of which fixed capital consumption is a component).

ESA 95 introduces two concepts of **final consumption**: final consumption *expenditure* and *actual* final consumption.

Household final consumption expenditure is limited to direct expenditure by households. Actual household final consumption covers all household consumption, including the proportion financed by general government or non-profit institutions serving households (NPISHs) where the benificiary can be identified: this proportion comprises the individual goods and services that general government and NPISHs provide to households as transfers in kind.

For a number of countries, a comparison between final consumption expenditure (ESA 95) and final consumption as defined in ESA 79 shows reduced consumption by the household sectors, which is offset by a significant rise in the consumption of general government and NPISHs.

A number of other methodological changes also affect GDP, but to a lesser extent. These include more detailed coverage of trade and transport margins, the inclusion of garages used by the owner of a dwelling in the imputed production of housing services, an increased number of cases of licences and permits being recorded as purchases of services from general government and not as taxes, a change in the assessment of own-account production and the production of charitable activities, and an extension of the concept of salaries and compensation in kind (at the expense of intermediate consumption).

## Further information:

### > Data bases

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