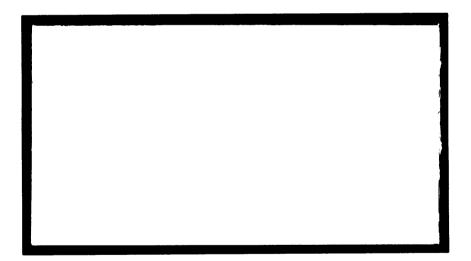
EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR ECONOMIC AND FINANCIAL AFFAIRS





The quarterly reports on "Price and Cost Competitiveness" provide a periodic assessment by the Commission services of the price and cost competitiveness of the European Union and its Member States. Comments and enquiries should be addressed to:

European Commission Directorate-General for Economic and Financial Affairs 200, rue de la Loi 1049 Brussels, Belgium

DG II-D-4

Third quarter 1996

Quarterly report on the price and cost competitiveness of the European Union and its Member States

QUARTERLY REPORT - THIRD QUARTER 1996

This report provides a periodic assessment of the price and cost competitiveness of the European Union (EUR15), the group of countries participating in the Exchange Rate Mechanism (ERM), the 15 EU Member States individually, as well as 5 other industrial countries. It appears quarterly and consists of two parts. Part 1 offers an analysis of recent developments. The discussion is illustrated by a small number of tables and graphs. Part 2 provides more detailed information. For each country, changes in nominal and real effective exchange rates are presented in the form of tables and graphs.

The nominal effective exchange rate (NEER) aims to track changes in the value of a nation's currency relative to the currencies of its principal trading partners. It is calculated as a weighted average of the bilateral exchange rates with those currencies.

The real effective exchange rate (REER) aims to assess a nation's price or cost competitiveness relative to its principal competitors² in international markets. It corresponds to the NEER deflated by selected relative (or 'effective') price or cost deflators. The discussion in *Part 1* focuses on real rates based on unit labour costs in the manufacturing sector. *Part 2* of the report presents real rates based on the consumer price index (CPI), the GDP deflator, the price deflator of exports of goods and services (PX), unit labour costs in the whole economy (ULCE), as well as unit labour costs in manufacturing (ULCM).

1987, the year of the Louvre Accord, is taken as the base period for the various indicators of price and cost competitiveness, because the Accord marked the beginning of a period of exchange-rate stability that ended with the September 1992 ERM crisis. This does not imply that 1987 exchange rates should be treated as equilibrium rates.

Part 1 of the report focuses on developments since 1987 in the European Union, the United States and Japan. It consists of two sections. The first section describes the changes observed in the cost competitiveness of the US, Japanese and EU economies relative to 23 industrial countries. In this first section the bilateral position of the European Union relative to the United States and Japan is also examined. The second section comments on exchange rate developments within the European Union.

Both outlay and contents of the 1996 reports are substantially different from earlier reports. Following a change in the computer programme, it is now possible to use tradeweights that have been updated until 1994 and to increase the number of competitor countries to 23 (i.e. OECD members). Moreover, differently defined nominal and real exchange rates are available upon request. A technical annex provides further details.

Norway, Australia, Canada, Japan and the United States.

In this report three alternative groups of competitor countries are considered: the 23 industrial countries (IC 23), the 15 Member states of the European Union (EUR 15) and the 10 participants in the Exchange Rate Mechanism (ERM).

QUARTERLY REPORT - THIRD QUARTER 1996

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PART 1

ANALYSIS OF DEVELOPMENTS IN THE COST COMPETITIVENESS OF THE EUROPEAN UNION, THE UNITED STATES AND JAPAN

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ANALYSIS OF DEVELOPMENTS IN THE COST COMPETITIVENESS OF THE EUROPEAN UNION, THE UNITED STATES AND JAPAN

MAIN CONCLUSIONS

In the third quarter of 1996:

- Due to the appreciation of its currencies, the Union's cost competitiveness deteriorated by 2% relative to both the 23 industrial countries (IC23) and the United States. In the latter case, this is a reversal of developments in the first and second quarter of this year. Japan's cost competitiveness on the other hand, improved by 3%, as the yen continued to decline. US cost competitiveness hardly changed.
- The strongest currency within the European Union was the Finnish markka, buoyed by favourable economic indicators and prospects for ERM membership. A nominal appreciation of 2½% led to a similar decline in Finnish cost competitiveness, the largest in the Union. The only other countries with cost competitiveness losses above 1% were Greece and Italy. Germany, the Netherlands and Austria, on the other hand, improved their cost competitiveness by 1%.

Since the second quarter of 1995 (marking the end of the 1995 ERM currency fluctuations):

- The Union's cost competitiveness has deteriorated by 6% as its currencies have appreciated by 8% relative to those of the other industrial countries. Relative to Japan, the Union's cost competitiveness has declined by 25%, but relative to the United States it has risen by 2%.
- Calm has returned to European currency markets and the exchange rate developments observed since then have corrected some, but not all of the disparities that had arisen in the period before. In particular, cost competitiveness in Germany (8%), the Netherlands (7%) and Austria (7%) has been rising rapidly. Italy (19%) and Sweden (18%), on the other hand, have experienced significant losses in cost competitiveness.

Since the third quarter of 1992 (marking the start of ERM crises of 1992 and 1993):

- The cost competitiveness of the Union has improved by 11% relative to the IC23. The nominal effective exchange rate of the Union currencies has now returned to the level observed in the third quarter of 1992. The gain in cost competitiveness therefore reflects a decline in unit labour costs. In the United States and Japan, however, unit labour costs have declined even faster than in the Union. Still, due to nominal exchange rate developments we can report a 9% gain in the Union's cost competitiveness relative to the United States and a 21% gain relative to Japan.
- For different reasons, Spain (22½%), Ireland (17½%), Italy (16%) and Sweden (16%) have made important gains in cost competitiveness. Greece (16%), Denmark (12%) and Germany (12%) have recorded the highest losses. In the other Union Member States, the changes in cost competitiveness vary between a 6% gain for the UK and an 8½% loss for France.

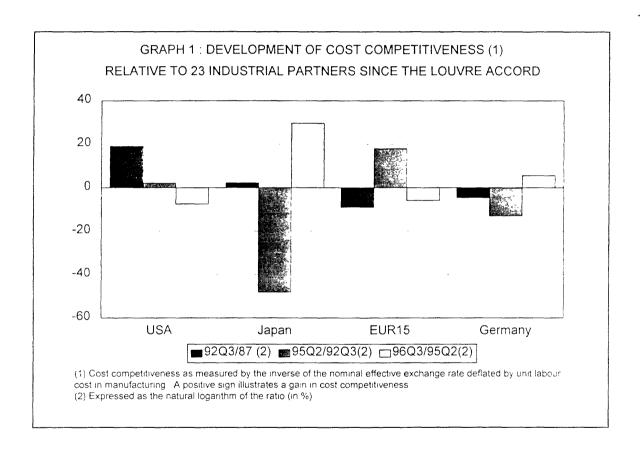
Since 1987 (year of the Louvre Accord):

- The Union's cost competitiveness has improved by 3%. US cost competitiveness has risen by 13%, while that of Japan has declined by 18%.
- Amongst Union Member States, Ireland (32%) has recorded by far the largest gains in cost competitiveness, thanks to a 34% reduction in the relative unit labour costs of its manufacturing industry. Finland (18%) has made important cost competitiveness gains as well. Italy's 12% gain is clearly linked to the nominal depreciation of the lira. In addition to Greece and Portugal. Germany (15%) has been the only country with cost competitiveness losses above 10%.

QUARTERLY REPORT - THIRD QUARTER 1996

I. INTERNATIONAL DEVELOPMENTS

From a European viewpoint, the development of the cost competitiveness of the industrialised countries since the Louvre Accord can best be described by distinguishing **three periods** (see Graph 1). A first period, 1987-1992Q3, with extremely low exchange rate variability inside the Exchange Rate Mechanism (ERM); a second period, 1992Q3-1995Q2, with at times strong currency fluctuations; and a third period, 1995Q2-1996Q3, in which relative calm returned to European currency markets.



The first period runs from 1987 to the third quarter of 1992. The end of the period is marked by the first ERM crisis of September 1992. The 23% appreciation of the European currencies during this period led to an 9% loss in cost competitiveness for

The figures on cost-competitiveness presented here can be slightly different from those presented in the previous report(s) due to the regular revision of the AMECO data base containing the various deflators and their components.

the European Union (including Germany, that recorded a 5% cost-competitive loss). US cost competitiveness relative to 23 industrialised countries rose by 17%, in part due to the 6% decline of the nominal effective exchange rate of the US dollar. The cost competitiveness of the Japanese manufacturing sector rose by 2% in spite of the 9% nominal appreciation of the yen.

The second period runs from the third quarter of 1992 to the second quarter of 1995. The 1992/93 ERM crises provoked a weakening of the Union currencies, which depreciated by 7%, on average. This depreciation contributed to the 16% improvement in the cost competitiveness of the European Union during this period. This average, however, masks large differences between the various European currencies. German cost competitiveness, for instance, deteriorated by 14%. This deterioration was entirely due to a rise in the nominal effective exchange of the mark relative to the other industrial countries. The 56% nominal appreciation of the yen contributed to a 62% loss in cost competitiveness for the Japanese manufacturing industry. American cost competitiveness improved by 2% during the second period.

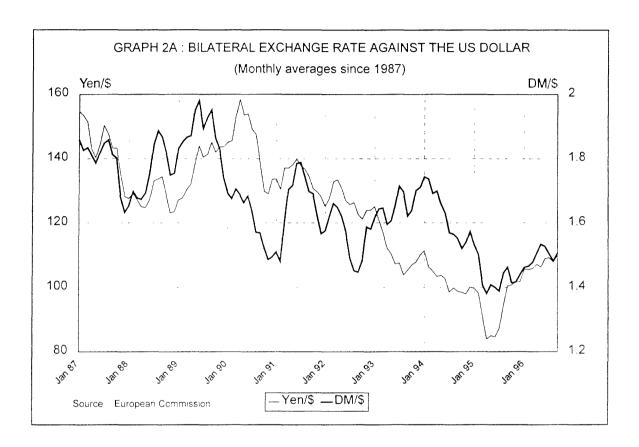
In the third and final period, the Japanese yen has retreated from its highs of the second quarter of 1995. Since then, the nominal effective exchange rate of the yen has declined by 21% and the real rate by 26%. German cost competitiveness has improved as well (by 5½%). Germany, however, is not representative of the European Union as a whole. While the German mark has depreciated recently, other European currencies (including the Italian lira and the Swedish crown) have appreciated relative to IC23. Since the second quarter of 1995, the European currencies (including the German mark) have appreciated by 8%, on average. Consequently, the EU's cost competitiveness has deteriorated by 6%. The US dollar has appreciated as well (by 10%) leading to a 8% decline in cost competitiveness.

Adding up the changes observed during these three periods, the competitive position of the European Union as a whole has changed relatively little compared with 1987. Since that year, the Union's cost competitiveness has improved by 3%, in spite of the 23% nominal effective appreciation of the Union's currencies relative those of the other industrial countries. Competitive gains made during the second period have more than offset both earlier and more recent losses. Contrary to the Union as a whole. Germany has recorded a 13% loss in cost competitiveness compared with 1987. Recent gains have been insufficient to compensate earlier losses. The same is true in the case of Japan. In spite of the recent weakness of the Japanese currency, the yen's 56% nominal effective appreciation of the second period continues to dominate the picture. Compared with 1987, the yen has appreciated by 34% and the cost competitiveness of Japanese manufacturing has deteriorated by 18%. The 13% American cost competitiveness gains date from the first period. Recent losses are relatively minor.

1. United States

The dollar fluctuations observed during the **third quarter of 1996** were the result of a number of conflicting tendencies. On the one hand, the strong drop in the US stock market in early July, had a negative effect on the value of the dollar. The lack of

improvements in US trade figures was another factor weighing on the dollar. On the other hand, the September 24 decision by the Fed to leave US short-term interest rates unchanged fueled a stock and bond market recovery attracting an inflow of capital and contributing to the September appreciation of the dollar against the German mark and Japanese yen (see Graph 2A). Finally, expectations for a future tightening of monetary policy have not disappeared.



In spite of all these developments, the nominal effective exchange rate of the US dollar remained basically constant in the third quarter (see Table 1). Expressed in German marks, the value of the dollar increased only marginally, from 1.523 DM/\$ on 1 July to 1.525 DM/\$ on 1 October. Against the Japanese yen, however, the dollar appreciated, as the Japanese economy continued to sputter. The yen per dollar rate rose from $109.7 \, \text{//} \, \text{s}$ on 1 July to $111.3 \, \text{//} \, \text{s}$ on 1 October, a $1 \, \text{//} \, \text{s}$ increase.

The bilateral DM/\$ rate declined from an average of 1.522 Deutsche Mark per US dollar in the second quarter of 1996 to 1.497 DM \$ in the third quarter, a 2% decrease. The \frac{1}{2} rate rose by 1½%, from 107.5 yen per dollar in the second quarter to 109.0 yen per dollar in the third quarter of 1996. The latest exchange rates available are. 1\$=1.529 DM and 1\$=111.5 \frac{1}{2} (11.10.1996), evidence of the continued strength of the US dollar against the yen in particular.

TABLE 1: COST COMPETITIVENESS OF THE UNITED STATES, JAPAN, THE EUROPEAN UNION AND GERMANY RELATIVE TO 23 INDUSTRIAL COUNTRIES.

A. EVOLUTION IN MANUFACTURING INDUSTRY

		ord quarte 03 / 96 Q2			first ERN Q3 / 92 (1	Since 1987 (96 Q3 / 87)		
% Change	NEER (1)	ULC (2)	REER (3)	NEER (1)	ULC (2)	REER (3)	NEER (1)	ULC (2)	REER (3)
USA Japan EUR15 Germany	-0.1 -2.0 2.4 0.7	-0.3 -0.9 -0.3 -0.9	-0.3 -2.9 2.1 -0.2	16.2 22.8 0.3 10.9	-9.3 -2.1 -11.6 -2.9	5.5 20.3 -11.3 7.7	9.0 34.4 23.1 22.1	-20.0 -12.4 -21.2 -7.6	-12.8 17.6 -3.0 12.8

B. EVOLUTION IN WHOLE ECONOMY

	During th (96 Q	urd quarte 3 / 96 Q2			first ERN Q3 / 92 C		Since 1987 (96 Q3 / 87)		
% Change	NEER	ULC	REER	NEER	ULC	REER	NEER	ULC	REER
]	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
USA	-0.1	-0.1	-0.1	16.2	-2.3	13.5	9.0	-12.1	-4.1
Japan	-2.0	-0.8	-2.8	22.8	-7.6	13.5	34.4	-21.7	5.2
EUR15	2.4	-0.5	1.9	0.3	-12.2	-11.9	23.1	-20.7	-2.4
Germany	0.7	-0.6	0.0	10.9	-6.0	4.2	22.1	-18.3	-0.2

Source : DG II.D.4 EC

- (1) NEER = Nominal Effective Exchange Rate. A minus means a depreciation of the NEER.
- (2) ULC = Relative Unit Labour Costs (in national currency).
- (3) REER = Real Effective Exchange Rate = relative unit labour costs (in common currency).

 A minus means an improvement in cost competitiveness.

Since April 1995, when the dollar reached all-time monthly lows against both the German mark (1.381 DM/\$) and the Japanese yen (83.87 \(\frac{1}{2}\), the US currency has appreciated by 9% against the German mark and by no less than 31% against the Japanese yen. A long-term perspective, however, shows a significant decline of the dollar against both the German mark and the Japanese yen (see Graph 2A). Since January 1987, the time of the Louvre accord, the dollar has depreciated by 19% against the German Mark and by 29% against the Japanese yen. The DM/dollar rates observed now are similar to those observed in the third quarter of 1992, the time of the first ERM crisis. The current yen/dollar rates, on the other hand, are still well below the 1992Q3 rates.

As the nominal effective exchange rate of the dollar was unchanged during the third quarter of 1996, developments in cost competitiveness were determined solely by the changes observed in relative manufacturing unit labour cost. A small improvement in American cost performance relative to the 23 industrial countries led to a 0.3% gain in US cost competitiveness (see Table 1).

Since the second quarter of 1995, when the dollar started its recovery against the German mark and the Japanese yen, the dollar has appreciated by 10% relative to the currencies of the 23 industrial countries. This currency appreciation has led to an 8% loss in cost competitiveness.

Over the long term, however, the United States has made significant gains in cost competitiveness (13% since 1987). The 9% nominal appreciation of the dollar has been more than offset by a 20% reduction in relative unit labour costs in manufacturing³.

The US cost performance in the **economy as a whole**, however, has been less impressive. Since 1987, unit labour costs relative to the 23 industrial countries (including Mexico) have declined by 12% only (see bottom half of Table 1). During this same period, relative export prices (expressed in national currency) have gone down by 16%, resulting in a 4½% decline in American export profitability⁴ (see Table 2). This result, however, should be interpreted with caution as the decline in prices of imported raw materials and intermediate products has not been taken into consideration.

2. Japan

In the first quarter of 1996, the Japanese economy, encouraged by low short-term interest rates and public work expenditures, had posted impressive growth figures. However, the recovery appears to have stalled in the second and third quarter of this year. The Tankan quarterly business survey, published towards the end of August, reported a fall in business confidence. As a result, markets dismissed wide-spread expectations of an imminent interest rate hike and exerted downward pressure on the yen. Other factors in the yen's decline were the continued fall of Japan's current account surplus and the increased attractiveness for Japanese of investing in US bonds and equity.

In the third quarter of 1996, the yen depreciated by $1\frac{1}{2}$ % against the US dollar. The yen per dollar rate went up from $109.7 \, \frac{1}{2}$ % on 1 July to $111.3 \, \frac{1}{2}$ % on 1 October. The rate of depreciation against the German mark was 1% as the yen per mark rate rose from $72.00 \, \frac{1}{2}$ DM on 1 July to $73.00 \, \frac{1}{2}$ DM on 1 October.

The inclusion of Mexico in the 23 industrial countries considered as trading partners significantly improves the reported relative cost performance of the American manufacturing industry. Unit labour costs in Mexico (expressed in national currency) have been rising at a rapid rate. Compared with those figures, the rise in US unit labour costs will look very modest. Similarly, Mexico's inclusion in the analysis causes an important rise in the nominal effective exchange rate of the US dollar. The measures of cost competitiveness here presented are less affected, because the nominal exchange rate effect and the cost performance effect largely offset each other.

The relative export profitability of an economy is defined as the ratio of the relative export price index and relative unit labour costs in the economy as a whole (expressed in national currencies). It is an indicator of relative profit margins for producers of export goods and services in the various industrial countries.

The quarterly \(\frac{4}{DM}\) rate rose from 70.60 in the second quarter to 72.78 yen per Deutsche Mark in the third quarter of 1996, which implies a 3% depreciation of the yen against the mark. The latest exchange rate available is: 72.92 \(\frac{4}{DM}\) (11.10.1996).

TABLE 2: EXPORT PROFITABILITY OF THE UNITED STATES, JAPAN, THE EUROPEAN UNION AND GERMANY RELATIVE TO 23 INDUSTRIAL COUNTRIES.

EVOLUTION IN THE WHOLE ECONOMY

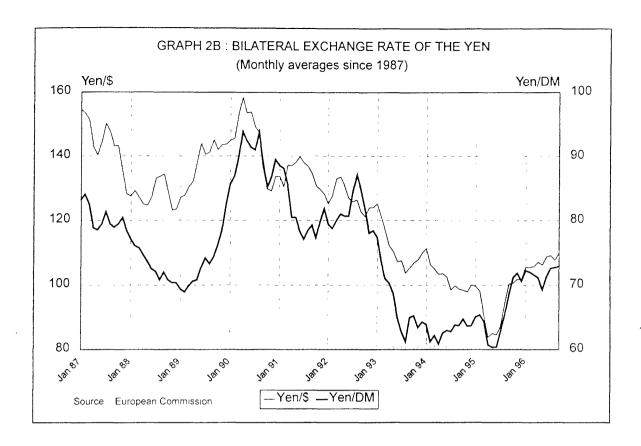
	_	nird quarter (3 / 96 Q2)			first ERM Q3 / 92 Q	,	Since 1987 (96 Q3 / 87)		
% Change	Export Prices (1)	ULC (2)	Profit- ability (3)	Export Prices (1)	ULC (2)	Profit- ability (3)	Export Prices (1)	ULC (2)	Profit- ability (3)
USA Japan EUR15 Germany	-0.1 2.3 -1.3 -0.4	-0.1 -0.8 -0.5 -0.6	-0.1 3.1 -0.8 0.2	-11.1 -14.0 -5.9 -7.7	-2.3 -7.6 -12.2 -6.0	-9.0 -6.9 7.2 -1.8	-16.0 -26.0 -9.8 -12.2	-12.1 -21.7 -20.7 -18.3	-4.5 -5.5 13.7 7.4

Source: DG II.D.4 EC

- (1) = Relative price index of exports of goods and services (in national currency).
- (2) = Relative unit labour costs (in national currency).
- (3) = Relative export profitability. A plus means an increase in relative profit margins for producers of export goods and services.

As the yen depreciated even more rapidly against high-yielding currencies like the Italian lira or the British pound, the nominal effective exchange rate of the yen against the currencies of 23 industrial countries declined by 2%. In addition, relative unit labour cost declined by 1%. Consequently, the Japanese manufacturing sector made a 3% gain in cost competitiveness in the third quarter of 1996.

The yen has been on a declining trend against the US dollar and the German mark since the second quarter of 1995 (see Graph 2B). Since then, the yen has depreciated by 22½% against the US dollar and by 17% against the German mark. Relative to the 23 industrial countries, the yen has depreciated by 21%. The nominal effective depreciation of the yen has contributed to a cost competitiveness gain of 26%.



This significant gain, however, has been insufficient to completely offset the large losses of the period before (see Graph 1). Between the third quarter of 1992 and the second quarter of 1995, the Japanese manufacturing industry experienced a 62% loss in cost competitiveness. Graph 1 also illustrates that recently the fluctuations in cost competitiveness have been much larger in Japan than in the United States and the European Union.

In addition, over the longer term Japan has recorded important losses in cost competitiveness (see Table 1) and in export profitability (see Table 2). Since 1987, the cost competitiveness of the Japanese manufacturing sector has declined by 18%. Export profitability has decreased by 5½%, as exporters have sharply reduced their prices (expressed in national currency) in order to compensate the nominal appreciation of the yen.

3. European Union

In this section, the cost competitiveness of the EU as a whole is examined. This analysis may obscure diverging developments among the Member States. Intra-Union developments are presented in Section II.

The competitive position of the European Union relative to other industrial countries

The recent deterioration in the cost competitiveness of the European Union relative to the other industrial countries can be attributed to the appreciation of high-yielding Union currencies, such as the Italian lira. These currencies have been buoyed by efforts to implement budgetary discipline and improved prospects for early entry into European Monetary Union against the background of improved market sentiment about the realisation of European Monetary Union.

In the third quarter of 1996, the Union's currencies appreciated by 2½%, while the German mark appreciated by less than 1% against the 23 industrial countries. In terms of cost competitiveness, the contrast was even stronger. The Union's cost competitiveness deteriorated by 2%, but that of Germany improved slightly (see Table 1).

The Union currencies started to appreciate in the first quarter of 1994 with a short pause in the second quarter of 1995 and again in the second quarter of 1996. The nominal effective exchange rate of the Union currencies has now returned to the level observed in the third quarter of 1992, the quarter of the first crisis in the Exchange Rate Mechanism (see Graph 3A).⁶ In real terms, however, the Union's effective exchange rate is still well below that of the third quarter of 1992 (see Graph 3B). Since the first ERM crisis, the Union's cost competitiveness has improved by 11%.

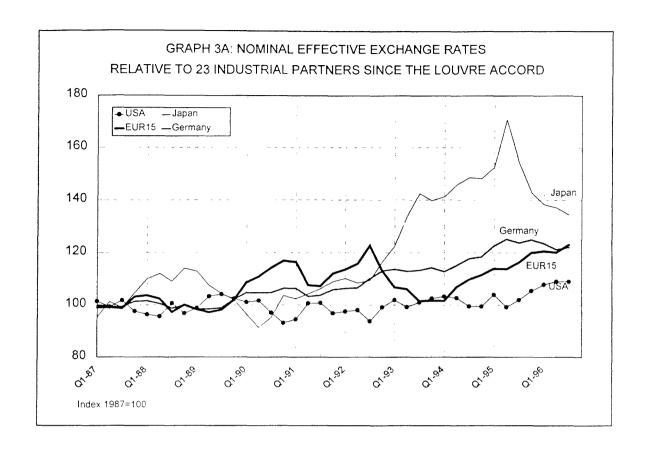
Developments in Germany have been quite different. Both the nominal and real exchange rates of the German mark are still well above the levels observed before the ERM crisis (see Graph 3A and Graph 3B). Since the third quarter of 1992, Germany has suffered a 8% loss in cost competitiveness relative to 23 industrial countries (see Table 1).

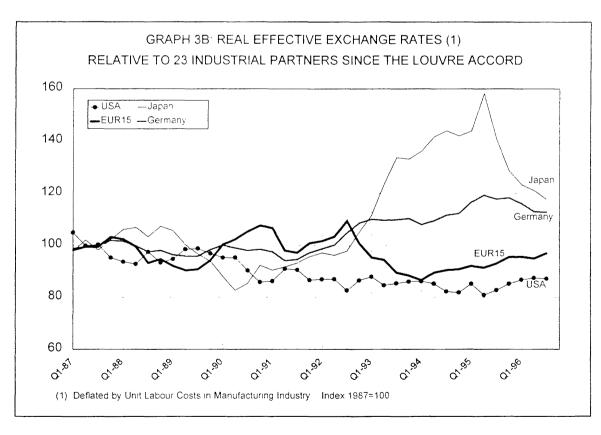
Compared with 1987, the European Union has made a 3% gain in cost competitiveness, while Germany's manufacturing sector has recorded a 13% loss. However, if one considers the evolution in the whole economy (see bottom half of Table 1), the German picture looks brighter: the current real effective exchange rate of the German mark is similar to the one observed in 1987.

Since 1987, the Union has improved not only its cost competitiveness, but also its export profitability. Relative export prices have been declining at a lower rate than relative unit labour costs, resulting in a 14% gain in profitability for the Union as a whole and a 7% gain for Germany (see Table 2).

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The rapid return of the nominal effective exchange rate of the Union's currencies to its 1992Q3 level should be partially attributed to the inclusion of Turkey and Mexico in the list of 23 industrial countries (see argument in Footnote 3).





The competitive position of the European Union relative to the United States and Japan

During the third quarter of 1996, the European currencies appreciated by 2% against the US dollar, a reversal of developments in the first and second quarter of this year (see Graph 4A). The appreciation against the Japanese yen, which had commenced in the second quarter of 1995 and was halted in the second quarter of this year, continued: the nominal effective exchange rate of the European currencies against the Japanese yen rose by 3%.

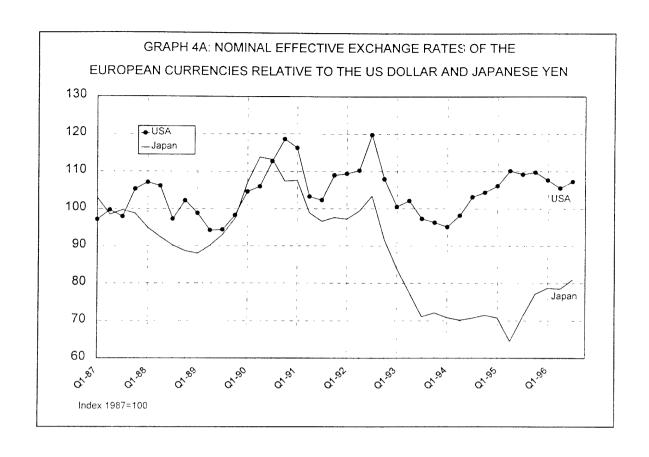
The nominal appreciation of the European currencies and a small rise in relative unit labour costs in manufacturing resulted in a 2% loss in cost competitiveness in relation to the United States and a 4% loss in relation to Japan (see Table 3).

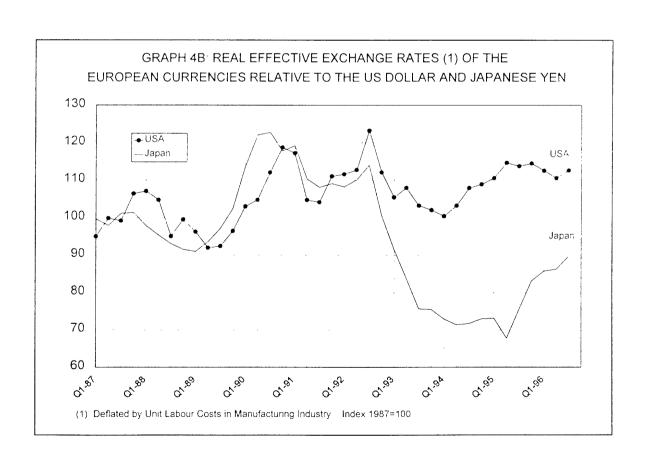
				ITIVENESS UNITED S						
		,	A. EVOLU	TION IN M	IANUFAC	TURING I	NDUSTRY			
	_	nird quarte 23 / 96 Q2			first ERN Q3 / 92 (nce 1987 Q3 / 87)		
% Change	NEER (1)	ULC (2)	REER (3)	NEER (1)	ULC (2)	REER (3)	NEER (1)	ULC (2)	REER (3)	
USA Japan	1.7 3.1	0.2 0.9	1.9 4.1	-10.4 -21.7	2.0 0.7	-8.6 -21.2	7.3 -19.1	4.9 11.0	12.6 -10.1	
<u> </u>			B. E	VOLUTION	IN WHO	LE ECONO	OMY			
		iird quarte)3 / 96 Q2			first ERM Q3 / 92 Q	1	Since 1987 (96 Q3 / 87)			
% Change	NEER (1)	(2)	REER (3)	NEER (1)	(2)	REER (3)	NEER (1)	(2)	REER (3)	
USA Japan	1.7 3.1	-0.1 0.7	1.5 3.8	-10.4 -21.7	-3.8 3.9	-13.8 -18.7	7.3 -19.1	-1.9 20.6	5.2 -2.4	

Source: DG II.D.4 EC

- (1) NEER = Nominal Effective Exchange Rate. A minus means a depreciation of the NEER.
- (2) ULC = Relative Unit Labour Costs (in national currency).
- (3) REER = Real Effective Exchange Rate = relative unit labour costs (in common currency).

 A minus means an improvement in cost competitiveness.





Compared with the second quarter of 1995, when the yen started to decline, the Union's manufacturing industry has experienced a 25% loss in cost competitiveness relative to their Japanese competitors. In comparison with the US manufacturing sector, on the other hand, the Union's cost competitiveness has improved by 2%.

In the aftermath of the ERM crises of 1992 and 1993, the European currencies declined relative to both the US dollar and the Japanese yen (see Graph 4A). As a result, the Union's current cost competitive position is still better than that of the third quarter of 1992 (see Graph 4B). Since 1992Q3, the Union's cost competitiveness has increased by 9% against the United States and by 21% against Japan.

However, the Union's competitive position looks much less rosy if we take 1987, the year of the Louvre Accord, as reference period. Compared with 1987, EU cost-competitiveness relative to the United States has deteriorated by 13%, while the cost competitive gain in relation to Japan's manufacturing industry is limited to 10% (see Table 3).

The relatively poor cost performance of the Union is a major factor. Since 1987, EU unit labour costs in manufacturing have risen by 5% relative to the United States and by 11% relative to Japan. In the economy as a whole, however, the Union's cost performance is slightly better than that of the United States but significantly (21%) worse than that of Japan (see bottom half of Table 3). Perhaps somewhat surprisingly, relative unit labour costs in the Japanese economy as a whole are declining more quickly than relative unit labour costs in manufacturing. In Japan, the service sector appears to be catching up with the already internationally competitive manufacturing sector. A similar phenomenon can be observed in Germany (see Table 4). Whereas unit labour costs in German manufacturing relative to the EU as a whole are unchanged compared with 1987, relative unit labour costs in the German economy as a whole have declined by 13%.

II. INTRA-UNION DEVELOPMENTS

The same distinction between three periods, that was made in Section I, is used here to describe the changes in cost competitiveness of the Union Member States relative to the European Union as a whole (see Graphs 5A and 5B).

Over the first period (1987Q1-1992Q3), stable exchange rates together with diverging trends in relative costs led to ever-widening disparities in cost competitiveness. Among the countries involved in the first ERM crisis. Spain, Portugal and Sweden suffered important losses in cost competitiveness relative to their partners within the European Union. Greek cost competitiveness deteriorated rapidly as well. France,

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The series on Greek manufacturing unit labour cost in the DG II AMECO data base has been substantially revised. The new series shows a much more rapid rise in unit labour costs in manufacturing (ULCM) since 1987. Consequently, the ULCM-based real effective exchange rate of the Greek drachma rises very rapidly as

Ireland, the Netherlands, Austria and Finland, on the other hand, made important gains.

In the second period (1992Q3-1995Q2) sharp currency fluctuations corrected some of the diverging tendencies in cost competitiveness of the previous period, but in the process some new discrepancies emerged.

Three important events help to characterise the second period. First, the exit of the British pound and the Italian lira from the ERM in September 1992. Second, the decision in August 1993 to widen the ERM fluctuation bands to 15%, which helped reduce the volatility of exchange rates to a certain extent. And third, the devaluation of the Spanish peseta and Portuguese escudo (the only realignment in the ERM with wider bands) following the sharp depreciation of the US dollar in February and March of 1995.

The gains in cost competitiveness were particularly large for Italy (30%) and Sweden (both 29%), two countries with sharply depreciating currencies. Spain, Ireland and the UK notched up gains as well, but all the other Member states witnessed a deterioration of their cost-competitive position. Germany's loss (22%) exceeded that of any other Member state.

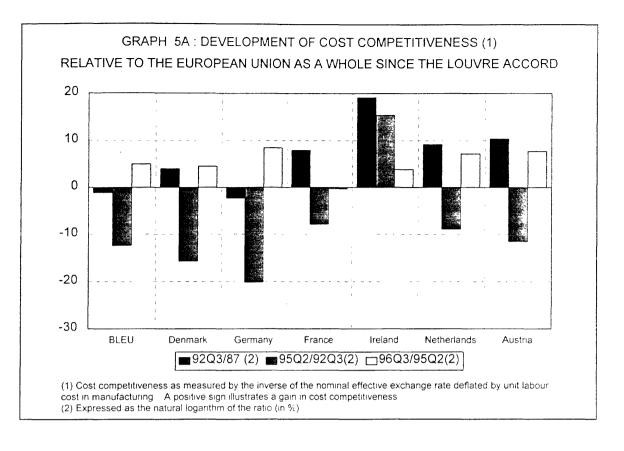
In the third period (1995Q2-1996Q3) calm returned to European currency markets and the exchange rate developments observed since April 1995 have corrected some of the disparities that had arisen in the previous period.

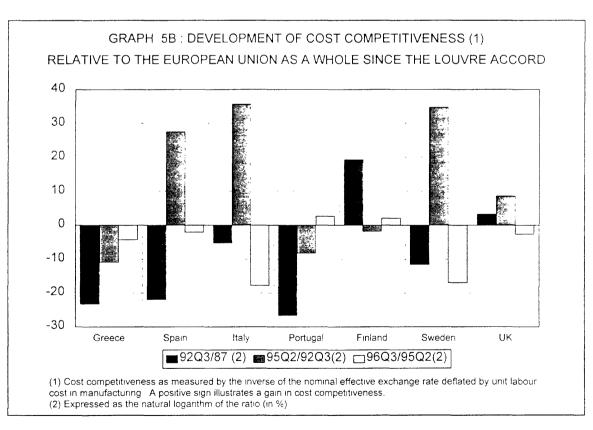
All countries (except Greece and France) that had experienced cost-competitiveness losses in the second period improved their cost-competitiveness in this third period. The deterioration in the cost competitiveness of the Greek manufacturing sector equalled 4%. The French cost competitiveness loss, on the other hand was minimal (¼%), but still significant in comparison with German (8%), Austrian (7%) and Dutch (7%) gains.

On the other hand, all countries (except Ireland⁸) that had notched up cost competitiveness gains in the second period recorded losses in the third period. The third period losses were especially large for Italy (19%) and Sweden (18%), which had made the most sizeable gains in the second period. These initial gains followed by more recent losses have led to a 16% total gain in cost competitiveness since the first ERM crisis for both Italy and Sweden (see Table 4).

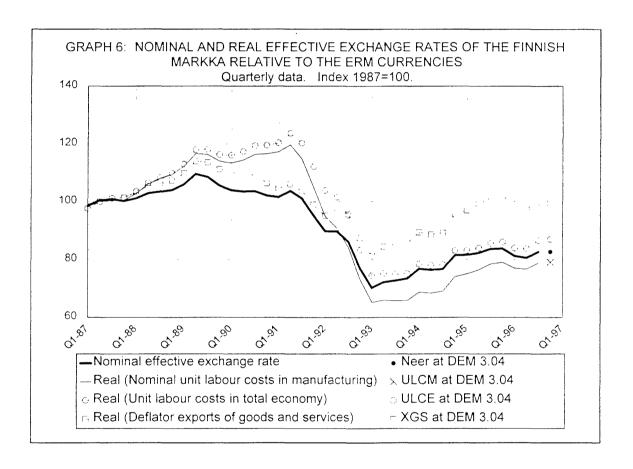
well. This implies that the deterioration in Greek cost competitiveness presented in Table 4 and Graph 8 of the current report is much more serious than the one shown in previous reports. The discussion in the section on intra-Union developments, however, is based on a battery of indicators.

Due to the decline in Irish unit labour costs relative to that in the other Union Member States, Ireland recorded a 14% cost competitiveness gain in the second period followed by a 4% gain in the third period.





On 14 October 1996, the Finnish markka joined the ERM. Graph 6 illustrates developments in the nominal and real⁹ effective exchange rates of the Finnish markka relative to the ERM currencies since 1987. In the early 1990s, the exchange rate of the Finnish markka has been affected by two severe shocks: first, the sharp drop in exports to the former Soviet Union, and second, the 1992 ERM crisis. Between the first quarter of 1991 and the first quarter of 1993, the markka depreciated by 31% in nominal terms. Since then, the markka has appreciated by 18%. In the third quarter of 1996, the nominal and real¹⁰ effective exchange rates of the markka were 17% and 21%, respectively, below their 1987 level. This depreciation reflects the structural shock for the Finnish economy that the collapse of the Soviet Union represented. The nominal and real effective rates calculated at the central rate chosen (corresponding to 3.04 DM) are very close to the effective exchange rates observed during the third quarter of 1996 (see Graph 6).



Among the deflators used to derive real exchange rates from nominal rates are unit labour costs in the economy as a whole and the deflator of exports of goods and services. A comparison of these two real exchange rates seems to indicate that the sharp depreciation of the markka in 1991 and 1992 allowed Finnish exporters to restore profit margins. The relative export profitability of the Finnish economy, as defined in Footnote 4, rose sharply during that period. A negative consequence, however, is that past gains in export price competitiveness have all but disappeared (see Graph 6).

Deflated by unit labour costs in manufacturing.

In the third quarter of 1996, European currency markets were very calm. Only the Finnish markka, buoyed by favourable economic indicators and promising prospects for ERM membership, appreciated by 2% in nominal effective terms (see Table 4). The recent appreciation of high-yielding currencies against the German mark almost came to a halt (see Graph 7) and the nominal effective depreciation of the mark was negligible (see Graph 8). The decision of the Bundesbank on August 22 to trim its repo rate to 3% had no lasting effects on European currency markets. The French franc, however, came under selling pressure in August in the face of weak economic growth, but has since then recovered. This development was reflected in the ½% nominal effective depreciation of the franc in the third quarter. Only, the Spanish peseta depreciated more rapidly (by 1%). At the end of July, the peseta traded near an eight month low amid concerns over the budgetary deficit. In the middle of August, however, the peseta recovered from its lows. All in all, the changes in nominal effective exchange rates were rather small across the Union.

The third quarter movements in real effective exchange rates were slightly larger, as the changes in cost performance tended to reinforce the changes in nominal effective exchange rates observed. Germany, the Netherlands and Austria made a 1% gain in cost competitiveness, while Greece, and Italy suffered a 2% loss in cost competitiveness. The 2% decline in the cost competitiveness of the Finnish manufacturing sector was due to nominal exchange rate developments only. The gains and losses of all other countries were below 1% (see Table 4).

Since ERM crisis in the third quarter of 1992, both the French franc and the German mark have appreciated by 11% vis-à-vis the other Union currencies. However, due to a 2½% decline in relative unit labour costs, France's loss in cost competitiveness (8½%) is more limited than that of Germany (12%). The same can be said for some other countries with appreciating currencies like the BLEU (8% loss in cost competitiveness), Austria (4% loss) and the Netherlands (2% loss). Denmark, however, matches the 12% German loss, despite the smaller nominal effective depreciation of the Danish crown. Finland, on the other hand, records a marginal gain in cost competitiveness in spite of the 3% nominal appreciation of the markka.

Amongst the countries with depreciating currencies, Spain (22½%), Italy (16%), Sweden (16%) and the UK (6%) have made important gains in cost competitiveness since the third quarter of 1992, while Greece (16%) and Portugal (6%) have recorded losses (see Table 4).

The nominal effective exchange rate of the Irish pound is unchanged compared with the third quarter of 1992. Still, the Irish Republic managed a $17\frac{1}{2}\%$ gain in cost competitiveness, second in the Union after Spain. While in the case of Spain the improved relative cost performance played an important contributory role (7% out of a total gain of $22\frac{1}{2}\%$), in Ireland all of the cost competitiveness gains can be explained by the 18% decline in relative unit labour costs.

Compared with 1987¹¹, all ERM currencies except the Finnish markka (-9%). Spanish peseta (-9%) and the Portuguese escudo (-14%) have appreciated. The rates of appreciation range from 10% (Austrian schilling) to 15% (German mark)¹². The core currencies of the ERM are grouped close together. However, when considering the real effective exchange rates of the same currencies, important differences emerge (see Graph 9). Where German cost competitiveness has deteriorated by 15%, Austria has notched up an 6% gain. In the long term, developments in relative unit labour costs become a much more important factor. Austria, the Netherlands and France have been able to significantly reduce their relative unit labour costs (by more than 10%), but not Germany, Denmark and the BLEU.

Amongst the non-ERM Union Member states, Italy (12%) has made the largest gain in cost competitiveness. The UK (7%) and Sweden (6%) have recorded cost competitiveness gains as well. Greece is the other extreme. In spite of a 46½% depreciation of the drachma since 1987, Greek cost competitiveness has deteriorated rapidly.

^{11 1987} saw the last general realignment within the ERM and relative exchange-rate equilibrium. It therefore constitutes a logical reference year for analyses of cost-competitiveness.

¹² Excluding the Irish pound, which has appreciated by 3% in nominal terms but depreciated by 32% in real terms.

TABLE 4: COST COMPETITIVENESS OF THE MEMBER STATES RELATIVE TO THE EUROPEAN UNION AS A WHOLE.

A. EVOLUTION IN MANUFACTURING INDUSTRY

	During third quarter 1996 (96 Q3 / 96 Q2)				first ERM Q3 / 92 Q		Since 1987 (96 Q3 / 87)			
% Change	NEER	ULC	REER	NEER	ULC	REER	NEER	ULC	REER	
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
BLEU	-0.2	-0.2	-0.4	7.3	0.3	7.6	10.7	-1.7	8.9	
Denmark	-0.1	-0.4	-0.4	9.4	2.2	11.8	11.1	-3.3	7.5	
Germany	-0.1	-0.9	-1.0	11.4	0.9	12.3	15.3	-0.2	15.0	
Greece	0.1	1.5	1.6	-14.3	35.8	16.3	-46.5	174.5	46.8	
Spain	-1.0	1.4	0.4	-16.4	-7.3	-22.5	-8.9	6.0	-3.5	
France	-0.5	0.0	-0.4	11.3	-2.5	8.5	12.9	-11.2	0.3	
Ireland	0.7	-0.1	0.5	0.1	-17.6	-17.5	2.6	-33.6	-31.8	
Italy	0.7	1.1	1.8	-19.2	3.5	-16.4	-23.1	14.6	-11.9	
Netherland	-0.3	-0.8	-1.1	8.2	-6.0	1.8	10.9	-16.3	-7.1	
Austria	-0.1	-1.0	-1.0	7.4	-3.3	3.9	9.9	-14.7	-6.3	
Portugal	0.3	-0.1	0.3	-7.4	14.1	5.7	-14.2	60.7	37.8	
Finland	2.4	-0.1	2.3	3.1	-3.3	-0.3	-9.0	-9.7	-17.8	
Sweden	-0.3	1.0	0.7	-11.1	-5.9	-16.3	-11.5	6.1	-6.1	
UK	0.4	0.5	0.8	-10.5	5.3	-5.8	-13.7	5.6	-8.8	

B. EVOLUTION IN WHOLE ECONOMY

		ird quarte		f	first ERN			nce 1987	
	(96 Q	3 / 96 Q2)	(96	Q3 / 92 C	(5)	(96 Q3 / 87)		
% Change	NEER	ULC	REER	NEER	ULC	REER	NEER	ULC	REER
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
BLEU'	-0.2	-0.3	-0.5	7.3	0.9	8.3	10.7	-2.3	8.2
Denmark	-O. I	0.1	0.0	9.4	-2.6	6.5	11.1	-11.6	-1.9
Germany	-0.1	-0.6	-0.6	11.4	-2 5	8.6	15.3	-13.2	0.0
Greece	0.1	1.7	1.8	-14.3	47.8	26.7	-46.5	152.9	35.2
Spain	-1.0	0.6	-0.4	-16.4	1.2	-15.4	-8.9	13.9	3.8
France	-0.5	-0.4	-0.9	11.3	-1.4	9.7	12.9	-12.1	-0.7
Ireland	0.7	0.0	0.7	0.1	-8.1	-8.0	2.6	-20.4	-18.3
Italy	0.7	1.2	1.9	-19.2	3.4	-16.5	-23.1	18.1	-9.2
Netherland	-0.3	-0.4	-0.7	8.2	-1.1	7.0	10.9	-13.5	-4.]
Austria	-0.1	0.0	-0.1	7.4	5.2	13.1	9.9	-0.4	9.4
Portugal	0.3	0.6	0.9	-7.4	17.0	8.3	-14.2	71.5	47.1
Finland	2.4	0.3	2.7	3.1	-6.4	-3.5	-9.0	-5.3	-13.8
Sweden	-0.3	0.8	0.5	-11.1	4.8	-6.8	-11.5	19.8	6.0
UK	0.4	0.0	0.4	-10.5	-2.7	-12.9	-13.7	16.5	0.6
1									

Source: DG II.D.4 EC

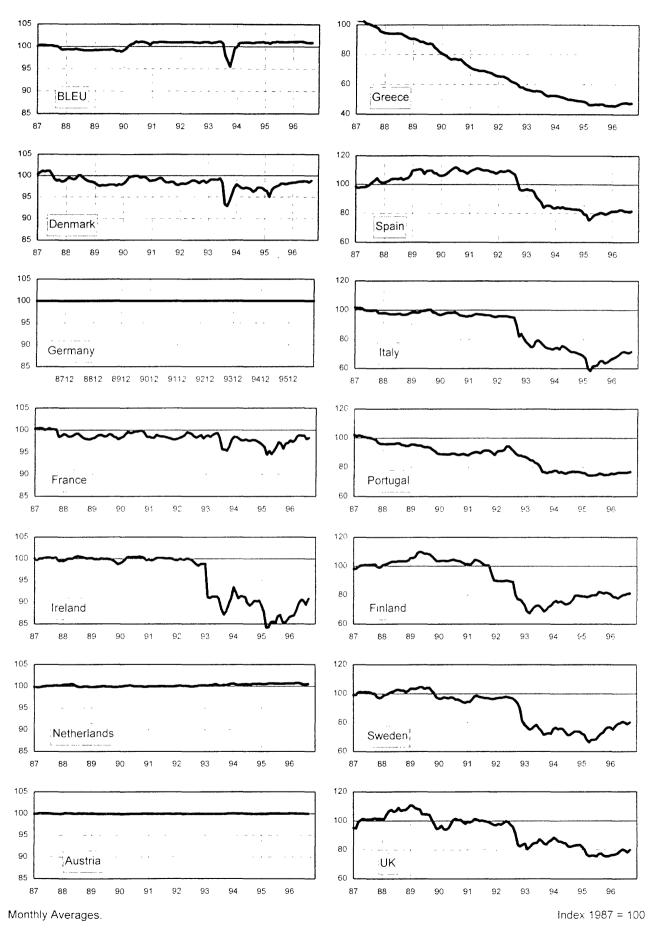
⁽¹⁾ NEER = Nominal Effective Exchange Rate. A minus means a depreciation of the NEER.

⁽²⁾ ULC = Relative Unit Labour Costs (in national currency).

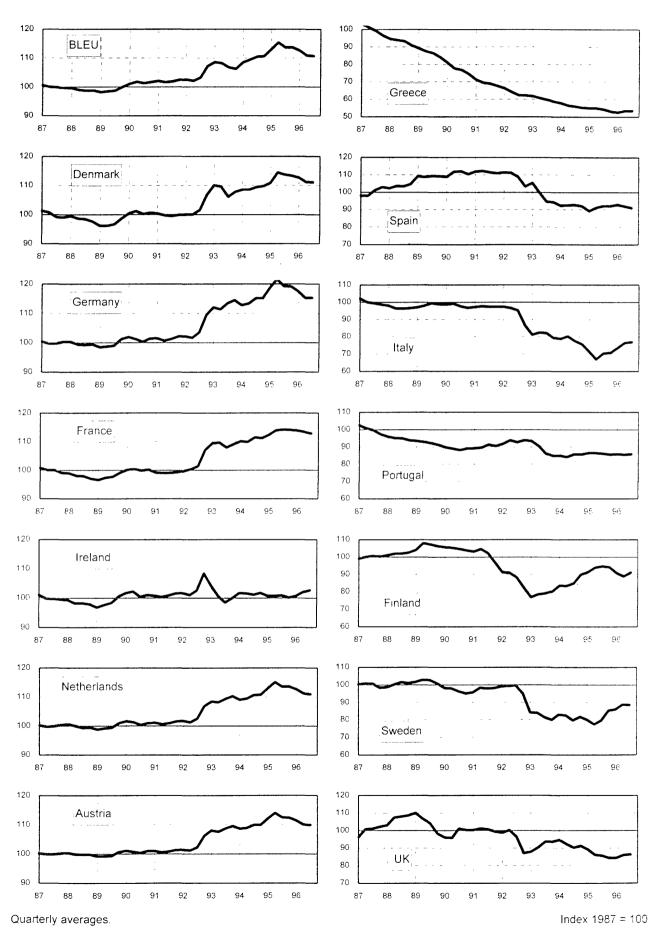
⁽³⁾ REER = Real Effective Exchange Rate = relative unit labour costs (in common currency).

A minus means an improvement in cost competitiveness.

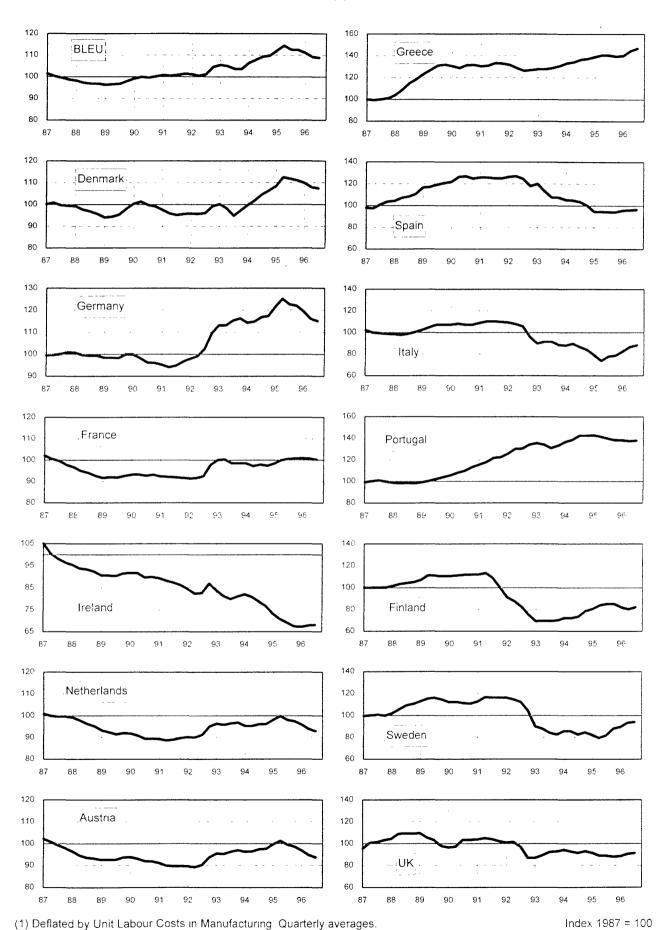
GRAPH 7
BILATERAL EXCHANGE RATES AGAINST THE GERMAN MARK.



GRAPH 8
NOMINAL EFFECTIVE EXCHANGE RATES RELATIVE TO THE EUROPEAN UNION.



GRAPH 9
REAL EFFECTIVE EXCHANGE RATES (1) RELATIVE TO THE EUROPEAN UNION.



PART 2

TABLES AND GRAPHS BY COUNTRY

PART 2:

TABLES AND GRAPHS BY COUNTRY

The tables and graphs on Pages 1 through 40 present nominal and real effective exchange rates of the currencies of the European Union Member States and five other industrial countries. Aggregate measures for the European Union as a whole (EUR15) and the group of countries participating in the Exchange Rate Mechanism (ERM) are presented as well. Each country (or country group) is compared with 23 industrial countries (the countries listed below plus Mexico, New Zealand, Turkey and Switzerland), with the European Union and with the group of ERM participants.

The tables on Pages 41 through 58 present bilateral exchange rates of the US dollar against the currencies of the 23 industrial countries; and nominal and real effective exchange rates of the EU currencies, the US dollar and Japanese yen (as well as aggregate measures for EUR15 and the ERM). Each cross-national table of real effective exchange rates is based on a single price or cost deflator. Price and cost indices in national currency are presented as well. These tables aim to facilitate a comparison of developments in the different industrial countries. The final table shows the latest double export weight matrices that were used to calculate effective exchange rates.¹

¹ The technical annex provides further details.

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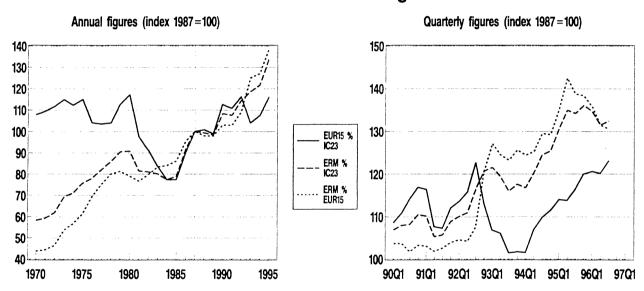
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EUR15 - ERM

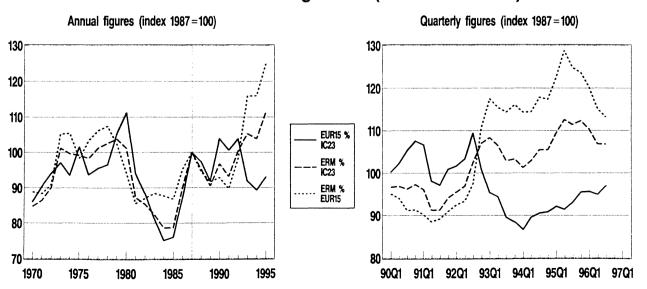
Nominal Effective Exchange Rate

Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change			
EUR15 ERM ER Relative to IC23 IC23 EUR	EUR15 ERM ERM Relative to IC23 IC23 EUR15	EUR15 ERM ERM Relative to IC23 IC23 EUR15			
83 83.7 80.1 83 84 77.4 77.4 84 85 77.5 79.0 86 86 90.3 91.7 95 87 100.0 100.0 100. 88 100.8 99.4 98 89 98.9 98.4 97 90 112.6 108.4 103 91 110.8 107.5 102 92 116.2 114.4 109 93 104.0 118.6 125 94 107.4 121.7 127 95 116.0 134.0 138	1 93Q4 101.7 117.6 125.6 94Q1 101.6 116.8 124.4 94Q2 106.9 120.3 125.3 0 94Q3 109.8 124.5 129.5 0 94Q4 111.5 125.4 129.3 95Q1 114.0 130.6 135.2 1 95Q2 113.8 135.0 142.5 8 95Q3 116.4 134.2 138.8 95Q4 120.0 136.1 138.4 1 96Q1 120.6 134.7 135.8 1 96Q2 120.2 131.5 131.4	SEP95 OCT95 NOV95 1.1 DEC95 1.1 0.5 -0.1 1.1 0.5 -0.1 1.1 0.5 -0.1 1.1 0.5 -0.1 1.1 0.5 -0.1 -0.8 -0.7 JAN96 0.5 -0.3 -0.5 MAR96 0.1 -0.3 -0.5 MAR96 -0.1 -0.6 -0.8 APR96 -0.1 -0.6 -0.8 APR96 -0.1 -0.6 -0.8 -1.6 -1.8 JUN96 JUN96 1.6 -1.8 JUN96 1.6 -1.1 0.6 -1.8 JUN96 0.1 -0.1 -0.6 -0.8 -0.7 -0.6 -0.8 -0.7 -0.6 -0.8 -0.1 -0.6 -0.8 -0.1 -0.6 -0.8 -0.1 -0.6 -0.8 -0.6 -0.8 -0.1 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.7 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.6 -0.8 -0.8 -0.9 -0.8 -0.9 -0.8 -0.9 -0.9 -0.9 -0.9 -0.9			

Nominal Effective Exchange Rate



Real Effective Exchange Rate (based on ULCM)



Page 1

EUR15 - ERM

Real Effective Exchange Rate of EUR15 relative to 23 Industrial Countries (IC23)

-	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
834567889012345 8899999999999999999999999999999999999	87.4 81.1 80.8 92.7 100.0 98.6 94.9 106.0 103.7 107.8 95.6 101.4	84.7 78.4 78.5 91.6 98.9 95.4 105.3 110.0 97.3 110.0	82.8 78.5 80.9 92.8 100.0 98.5 96.4 106.4 111.3 102.4 109.7	85.6 79.9 79.7 91.8 100.0 93.1 100.8 104.9 921.5 94.6	81.1 75.1 76.0 87.2 100.0 97.4 91.9 103.8 100.6 103.8 91.9 89.4 93.0	93Q4 93Q1 94Q2 94Q2 94Q1 95Q2 95Q2 95Q2 96Q3	93.3 93.4 96.6 98.5 99.2 100.7 103.8 103.8 104.3	95.4 95.0 94.1 98.2 100.0 100.9 102.5 101.7 103.5 106.1 105.1	100.8 100.6 99.2 103.2 105.0 106.2 108.5 108.5 1110.0 112.4 111.0	90.4 89.3 91.7 92.1 93.1 94.1 94.7 96.7 96.7 95.8	89.55.7 88.5.7 89.65 89.65 990.1 991.1 955.6 995.0 97.0

Real Effective Exchange Rate of the countries in the ERM relative to 23 industrial Countries (IC23)

	Annuai f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8 4 5 6 7 8 9 0 1 2 3 4 5 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	89.8 85.1 84.5 95.0 1005.9 92.3 98.4 99.4 101.4 110.0	87.3 82.5 82.2 94.5 100.0 91.6 91.6 94.4 100.0 102.5 111.5	84.5 81.5 82.7 95.3 100.0 94.9 101.0 99.1 104.2 103.6 104.7 110.7	88.8 83.3 82.6 94.2 100.0 4.4 88.0 92.1 93.9 97.0 105.4	82.4 78.6 78.7 90.2 100.2 95.3 90.5 96.8 93.2 100.4 105.8 111.4	9344 93402 934402 9344001 9355003 9550002 956603	98.9 100.0 99.0 101.6 104.6 108.2 111.3 110.8 109.8 109.2	100.3 101.3 100.1 102.6 105.7 105.8 109.6 112.6 111.4 1112.4 110.7 107.8	100.8 102.0 101.2 104.0 107.1 106.7 110.9 110.2 110.9 109.3 106.4	95.7 96.1 97.1 97.1 99.9 103.6 106.4 106.2 104.3 101.0	103.4 101.3 103.5 105.5 109.4 112.6 111.3 1106.9 106.8

Real Effective Exchange Rate of the countries in the ERM relative to European Union as a whole (EUR15)

	Annual figures (index 1987=100)						arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 88899999999	95.1 93.0 92.3 98.4 100.6 91.8 93.4 89.7 105.7 105.5	93.4 91.1 90.4 98.4 100.0 90.3 91.3 91.3 93.2 106.1 114.8	90.2 89.1 88.7 98.7 100.0 94.6 95.8 94.2 98.3 103.6 108.4	94.9 91.2 90.0 97.7 100.8 86.6 85.4 87.7 102.4 103.8	88.4 87.7 86.8 95.3 1004.6 91.7 92.9 89.7 98.3 115.9 116.0 124.9	9344 93401 94402 94402 95502 95504 9602	103.9 105.7 104.6 105.2 108.4 111.9 117.3 113.7 113.1 110.7	104.3 106.2 105.0 105.6 108.9 108.3 112.7 118.6 113.7 111.1	100.8 102.8 102.5 103.7 106.9 105.2 107.9 111.7 107.5 106.7 104.8 102.8	101.1 103.0 101.8 102.3 105.6 1105.3 116.1 111.8 108.9 104.9	114.4 116.1 114.3 117.9 117.9 112.5 128.8 124.9 123.6 120.2

```
Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

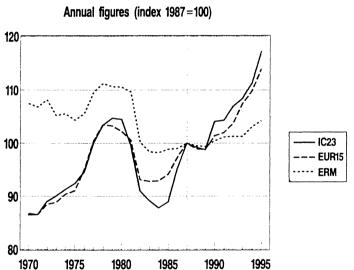
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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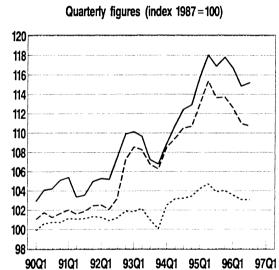
BLEU - franc

Nominal Effective Exchange Rate

	Annual figures index (1987=100)				Quarterly figures index (1987=100)				Monthly figures monthly % change			
		ative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM	
83 84 85 88 88 89 99 12 99 99 99 99 99 99 99 99 99 99	99.3 98.8 104.1 104.3 106.9 108.4 111.2	92.8 92.9 94.1 97.5 100.0 99.0 98.8 101.4 102.0 103.7 109.8 113.9	98.4 98.3 98.9 99.1 100.6 99.4 1001.2 101.3 101.3 103.1	9344023 9344023 9344023 955000 955000 95600 9603	107.2 106.8 108.9 110.8 112.9 115.8 118.0 116.9 117.8 116.7 114.9	106.8 106.3 108.5 109.5 110.7 113.0 115.4 113.6 111.0	101.0 100.1 102.5 103.2 103.4 104.2 104.7 103.9 104.0 103.1	SCCOVER MARK 966 SCCOVER MARK 966 SCCOVE	-0.0 1.4 -0.1 -0.5 -0.4 -0.7 -0.9 0.1 0.6 -0.5	-0.2 0.9 -0.3 -0.5 -0.1 -0.6 -0.7 -0.3	0 . 1 0 . 5 -0 . 3 -0 . 1 -0 . 3 -0 . 1 -0 . 3 -0 . 2 -0 . 1 -0 . 3 -0 . 1	

Nominal Effective Exchange Rate

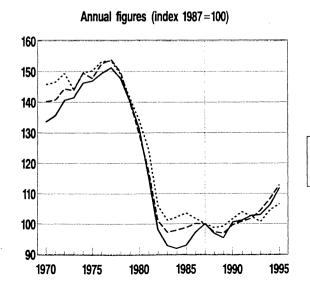


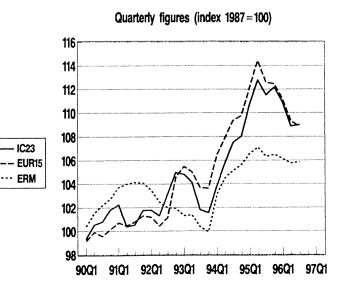


Real Effective Exchange Rate (based on ULCM)

IC23

---- ERM





Page 3

BLEU - franc

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88888999999	90.2 89.3 91.3 96.2 100.6 96.5 109.2 99.9 101.6 103.8	89.7 88.4 90.6 96.6 100.0 97.5 97.3 100.7 99.4 101.9 106.9 111.1	95.7 95.7 96.2 99.2 100.0 99.7 1003.9 102.5 104.1 103.4 104.7	90.9 90.1 91.8 98.1 100.0 95.8 93.4 98.3 101.7 104.7 107.9	92.8 91.9 92.9 97.2 100.0 96.9 95.4 100.2 102.8 103.8 106.3 111.8	9344123 9344QQ3 944QQ3 9555QQ3 9556QQ3 966Q3	99.9 99.6 101.6 103.3 104.8 107.1 107.3 107.9 106.9	103.3 103.0 105.0 106.6 108.0 108.1 110.4 112.1 110.7 111.3 110.7 111.3	101.9 101.4 103.2 104.7 105.7 105.3 106.9 106.3 106.8 106.8 105.7	103.1 105.5 107.5 107.5 109.1 119.4 111.5 111.9 112.3 110.5 108.5	101.8 101.6 103.8 105.8 107.5 1108.0 111.5 112.2 1108.9 108.9

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8456789912345 8889919999	92.9 93.5 95.7 97.8 100.0 97.7 97.4 98.3 98.3 101.0	93.1 93.2 95.6 98.4 100.0 97.6 98.0 99.1 98.2 99.8 104.5 107.1	99.7 100.9 100.7 100.8 100.0 99.9 101.6 101.0 101.8 103.7 104.6	94.0 94.6 96.5 99.0 100.0 94.6 98.9 100.5 109.5 113.1	97.2 97.9 98.8 100.1 100.0 97.3 96.9 99.7 100.8 101.8 104.5 108.3 112.9	9344 93401 9344003 944001 9550001 9550001 9550001 9550001 9550001	100.9 100.6 102.9 103.8 104.7 106.5 106.5 106.5 106.5	1 0 4 . 0 1 0 3 . 7 1 0 6 . 0 1 0 6 . 9 1 0 7 . 7 1 0 7 . 7 1 0 9 . 5 1 0 9 . 4 1 0 6 . 5 1 0 6 . 2	101.5 100.9 103.1 103.8 104.3 103.7 104.8 106.0 103.8 103.7	104.8 104.9 107.8 109.1 110.6 112.8 114.8 112.7 112.3 110.8 108.8 108.2	103.7 103.6 106.4 107.9 109.8 112.2 112.6 112.4 1112.3 109.3

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 88889999999	94.8 95.5 98.5 98.5 100.2 99.7 101.3 100.1 100.4 100.4 103.5	95.6 96.2 99.1 99.0 100.0 100.9 101.8 102.0 103.3 106.3	103.4 105.0 105.0 101.4 100.6 103.2 103.4 102.5 101.9 102.5	96.0 97.7 100.2 100.9 100.0 98.0 98.4 101.6 104.6 105.2 110.1	101.2 102.3 103.6 101.8 100.8 98.8 99.2 101.7 104.0 102.5 100.7	93441 9344023 944023 955003 9550003 96603	100.2 99.4 102.0 102.8 103.0 103.6 103.1 103.2 102.7 102.7	103.25 105.8 105.8 105.8 105.8 105.8 105.8 105.8 105.9 105.0	101.6 100.5 102.8 103.1 102.6 102.9 102.9 102.1 101.8 101.7	105.2 104.8 108.0 109.3 109.8 110.5 110.5 1109.5 109.5 108.2 108.1	1 0 0 . 4 9 9 . 9 1 0 3 . 1 1 0 4 . 5 1 0 5 . 6 1 0 6 . 6 1 0 7 . 1 1 0 6 . 5 1 0 6 . 1 1 0 5 . 9

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

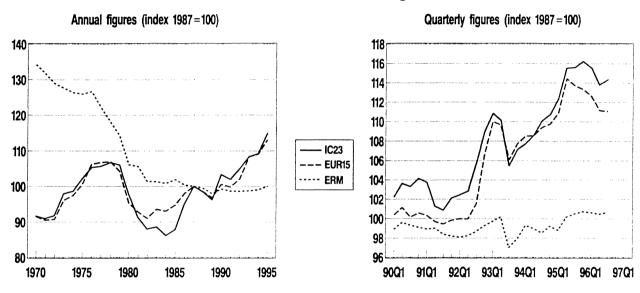
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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Denmark - krone

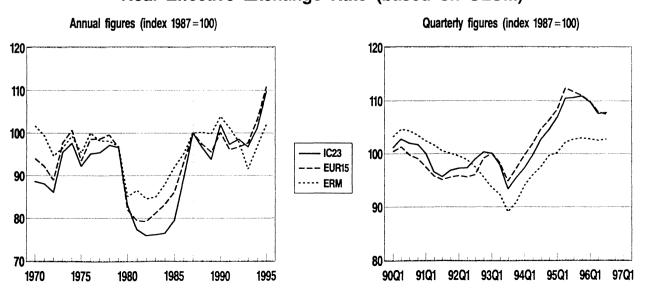
Nominal Effective Exchange Rate

	Annual figures index (1987=100)				Quarterly figures index (1987=100)				Monthly figures monthly % change			
	Re IC23	lative EUR15	t o ERM		Re 1C23	lative EUR15	t o ERM		Re IC23	lative EUR15		
83456788999129345	88.6 86.2 87.9 95.2 100.0 98.5 96.3 102.0 105.0 108.4 109.3 114.9	93.5 93.0 94.8 98.1 100.0 98.5 96.8 100.6 102.0 108.4 109.1	101.3 100.8 101.9 100.4 100.0 99.5 97.9 99.2 98.6 98.6 98.6 99.0	934123 944Q33 944QQ3 944QQ3 9555QQ41 95566Q3	105.5 107.1 107.7 108.6 110.1 110.7 112.3 115.5 115.6 116.2 115.8 114.3	106.1 107.7 108.5 108.5 109.4 109.8 110.9 114.4 113.7 113.3 112.2	97.0 97.9 99.3 99.0 98.5 98.8 100.5 100.5 100.5	SET 955 OCT 955 NOV 955 DEC 996 FABR 966 MARR 966 JUL 966 JUL 966 SEP 96	-0.1 1.1 -0.5 -0.1 -0.4 -0.7 -1.0 0.1 0.6 0.4 -0.3	-0.3 0.5 -0.4 -0.3 -0.2 0.1 -0.4 -0.6 -0.7 -0.3 0.3 -0.3	0 . 1 0 . 2 -0 . 1 -0 . 1 0 . 0 -0 . 2 -0 . 1 0 . 2 -0 . 1 0 . 2	

Nominal Effective Exchange Rate



Real Effective Exchange Rate (based on ULCM)



Denmark - krone

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP C	eflator PX	ULCE	ULCM
834567889012345	88.4 87.6 94.5 94.5 100.5 95.8 100.64 97.5 96.9 101.3	87.9 85.6 86.8 94.5 100.7 94.7 95.5 98.1 98.9 102.8	90.3 89.1 91.1 97.9 100.5 95.3 101.8 101.5 100.5 100.5	87.6 84.3 84.8 91.2 100.0 98.1 94.3 97.7 92.8 95.0 95.0 95.0	76.1 76.4 79.4 89.4 100.0 96.6 93.8 101.3 98.5 96.7 101.1	9344 93401 934023 944021 955023 956023 9603	94.3 95.7 96.4 97.0 98.3 101.8 102.2 101.2 101.3	95.8 97.6 98.4 99.9 101.0 103.5 103.5 102.8 101.5	97.5 99.0 99.7 100.4 100.7 100.8 101.5 101.7 101.2	92.9 92.9 93.3 94.52 96.7 99.9 100.2 99.2	93.4 95.5 97.4 99.8 104.7 110.5 110.9 109.8 107.8

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	D GDP	eflator PX	ULCE	ULCM
8888889912345 8999999999999999999999999999999999999	92.2 93.4 96.6 100.0 97.0 98.8 95.1 95.4 97.8 100.4	93.1 92.7 93.8 96.9 100.0 97.9 95.8 97.7 95.3 98.7 101.3	97.0 97.1 98.2 100.3 100.8 96.2 99.0 98.5 98.5 98.6	92.1 90.2 90.7 93.4 100.8 95.6 95.6 95.2 92.3 94.7	81.1 83.3 86.2 93.1 100.0 97.4 95.5 100.1 96.7 97.6 103.1 110.9	93441 9344023 944023 9555000 955660 9660	95.4 96.9 96.9 97.8 98.7 100.5 998.5 98.4	96.2 97.5 98.2 98.3 98.0 99.7 101.6 101.1 100.4 99.9	96.7 98.1 99.0 99.2 98.4 98.4 98.6 97.6	92.8 93.7 94.1 94.1 95.4 96.8 1099.7 99.7 99.3 98.1	94.9 97.3 99.8 101.9 106.4 108.5 112.4 111.1 109.9 107.5

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

	Annual f	igures	(index	1987=10	00)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	leflator PX	ULCE	ULCM		CPI	ULCM			
83 845 867 889 91 923 934 95	94.5 95.7 97.5 97.5 100.5 101.9 101.9 98.5 95.2 96.3	96.3 97.1 98.9 97.9 100.7 100.3 101.1 98.3 96.1 95.9	101.6 102.7 104.1 101.1 100.1 98.0 98.8 100.7 99.4 99.0 97.4 99.8	94.3 94.6 94.6 100.2 1022.5 1022.5 988.1 943.6 95.7	85.0 88.0 92.0 95.2 100.1 99.8 103.9 101.2 97.9 91.5 96.8 102.1	9304 9304 9402 9402 9403 95001 95003 9504 9602 9603	945285148 994554.148 99554.148 99566.9 9966.9	944.295 94665.1679 99665.099677.09	956.12 967.7.9 966.2 9955.9 966.9	92.6993.7993.52 94.0993.5994.0997.0997.4798.2	89.1 994.1 96.0 97.6 99.3 102.8 102.8 102.8

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

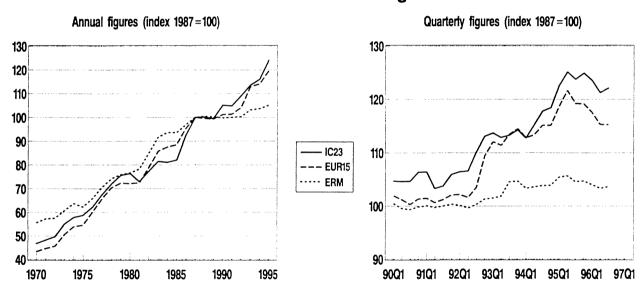
ULCM = Nominal Unit Labour Cost in Manufacturing industry

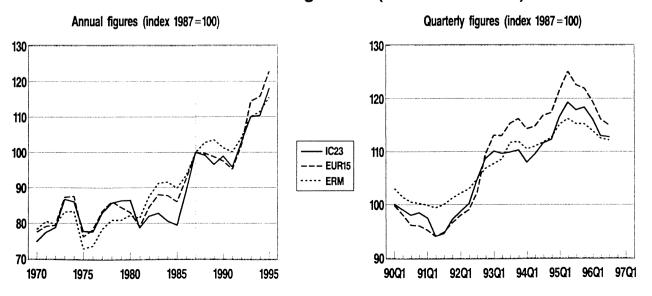
Germany - mark

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	Monthly figures monthly % change			
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
83 845 885 889 991 993 995	81.5 81.1 82.1 92.6 100.0 99.5 105.1 104.8 109.0 113.0 116.0 124.1	85.8 87.6 88.6 95.5 100.0 99.6 99.3 101.4 104.1 112.8 114.1	91.7 93.6 93.6 97.1 100.5 100.3 99.8 100.0 100.3 103.7 103.7	93Q4 93Q4 94Q3 944Q3 95QQ3 95QQ1 95QQ1 96Q3	113.3 114.3 112.8 115.2 117.8 118.4 122.6 125.1 123.8 124.9 123.3 122.1	113.4 114.5 112.8 113.4 115.1 115.1 118.7 121.6 119.2 119.1 117.3 115.3	104.6 104.7 103.3 103.6 103.8 103.9 105.4 105.7 104.6 104.7 104.6 104.7	SCOVER S S S S S S S S S S S S S S S S S S S	-0.0 1.7 -0.1 -0.6 -0.4 -0.5 -0.9 -1.0 0.2 0.6 0.7	-0.2 1.25 -0.4 -0.6 -0.5 -0.8 -0.9 -0.3 0.7 -0.8	0.2 0.7 -0.6 -0.2 -0.1 -0.2 -0.5 -0.2 0.2 0.4 -0.3

Nominal Effective Exchange Rate





Germany - mark

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8456789012345 8899999999	95.7 91.3 88.8 96.0 1007.3 94.6 97.8 99.1 1023.8 109.3	91.8 87.5 85.4 94.7 100.0 97.0 93.7 96.9 99.6 103.0 104.0 109.9	84.8 81.4 94.5 100.0 98.8 95.3 98.8 103.5 105.2 111.3	90.3 86.4 84.7 94.1 100.6 92.0 93.0 94.5 98.3 103.8	82.8 80.6 79.5 89.2 100.0 99.2 96.6 98.9 103.0 110.0 110.4 118.0	3344123344123344400000000000000000000000	102.3 103.0 101.4 105.3 105.3 108.6 1108.8 109.4 107.6 106.0	102.8 103.4 101.6 103.4 105.6 109.0 111.0 109.4 110.0 106.3	105.8 103.9 105.7 107.7 110.9 110.8 111.2 109.9 110.8	98.3 98.4 97.7 99.4 99.6 102.9 103.9 103.9 103.7 99.8	109.9 1108.0 108.0 101.7 112.3 116.6 119.3 117.9 118.3 116.0 113.0

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
8456789912345	100.5 97.0 98.4 100.2 95.3 95.3 95.3 96.4 104.9	97.0 94.5 92.0 97.3 100.8 94.1 94.1 96.2 104.6 109.1	89.2 86.0 96.6 100.0 95.7 96.45 100.3 105.45 108.8	94.8 92.6 90.6 96.6 100.0 93.0 98.6 92.3 100.8 100.8	88.0 87.8 86.0 92.7 100.7 99.8 98.7 97.5 2102.1 1114.4 115.8 122.8	341123 3440234123 93444000000000000000000000000000000000	104.6 105.5 103.9 104.3 105.6 108.7 111.7 108.4 106.6 104.4	1 0 4 . 5 1 0 5 . 3 1 0 3 . 6 1 0 4 . 0 1 0 5 . 5 1 0 8 . 6 1 1 1 . 1 1 0 8 . 3 1 0 8 . 3 1 0 4 . 2 1 0 3 . 8	1 0 5 . 4 1 0 6 . 1 1 0 4 . 5 1 0 5 . 0 1 0 6 . 0 1 0 8 . 7 1 1 0 . 7 1 1 0 . 7 1 0 8 . 0 1 0 7 . 6 1 0 6 . 0 1 0 3 . 9	101.3 101.8 99.9 100.1 101.6 104.9 105.4 105.0 105.0	115.3 116.3 114.3 114.7 116.8 117.7 122.0 1122.0 119.4 115.0

A	innual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI GDP PX ULCE U				
83 885 886 888 991 993 499 995	103.4 101.4 98.3 99.0 100.0 99.4 98.7 97.7 98.3 102.5 103.1	100.0 98.3 95.5 97.7 100.0 99.3 98.0 97.5 98.3 102.2 102.2	91.8 889.5 96.5 1000.0 97.8 97.8 101.3 104.8	96.4 95.0 97.1 1000.7 98.9 96.7 95.5 100.2 99.3	91.36 89.9 90.0 102.85 1001.3 1000.1 1110.5	341234123 QQQQQQQ 3344QQQQQQQ 9994445555666 9999999999999999999999999	104.0 104.1 102.7 103.2 103.3 104.1 105.2 104.1 103.4 102.7	1 0 3 . 6 1 0 2 . 1 1 0 2 . 4 1 0 2 . 7 1 0 2 . 8 1 0 4 . 4 1 0 4 . 8 1 0 3 . 7 1 0 2 . 9 1 0 2 . 1	106.2 106.0 104.2 104.2 104.7 106.6 107.1 106.0 105.0 103.8	101.5 101.5 99.5 99.8 101.9 101.9 101.2 99.3	111. 1110. 1111. 1115. 1116. 1115. 1115. 1112.

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

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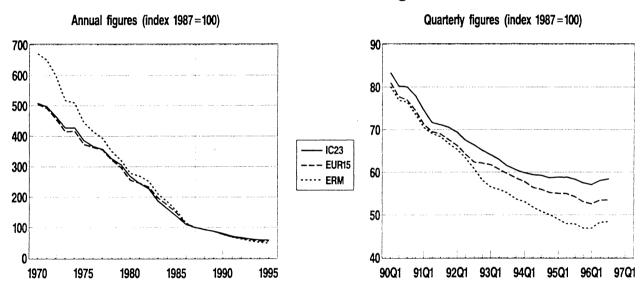
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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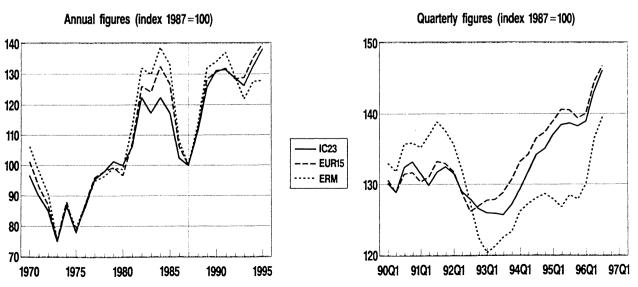
Greece - drachma

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	Monthly figures monthly % change			
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
83 845 885 889 991 993 995	186.5 161.0 136.7 110.0 100.0 94.0 87.5 80.5 80.7 162.3 59.3 58.4	196.5 173.6 147.1 113.0 100.2 86.9 77.5 63.7 603.7 603.3 54.3	209.2 184.1 154.4 114.9 1093.6 87.4 768.7 61.9 551.4 47.9	93Q4 93Q4 94QQ3 944QQ3 955QQ4 955QQ4 96Q3	610.559.4 6609.3799.37588.99588.5577.10588.5577.888.5588.5577.888.64	6684020021645 98766555543233 555555555555555555555555555555	553.1 533.1 51.8 500.0 49.0 47.9 46.9 46.9 48.2 48.4	SET 955 OCOV 955 DEC 955 DEC 956 DEC 956 MAN 966 APR 966 JULG 966 JULG 966 SEP 966	-0.5 -0.5 -0.5 -0.1 -0.5 0.7 0.9 0.5 0.4 -0.5	-0.6 -0.9 -0.5 -0.5 -0.5 -0.6 0.6 0.0	-0.3 -1.7 -0.2 -0.3 -1.0 -1.3 -0.4 -0.9

Nominal Effective Exchange Rate





Greece - drachma

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	100)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
3456789012345 88889999999	112.8 108.3 103.3 98.4 1003.2 103.7 110.5 114.1 120.1	118.5 116.6 110.6 99.8 1003.9 105.4 110.8 115.4 117.9	124.2 117.0 111.7 102.9 97.8 96.5 101.0 102.6 100.9 100.9	123.3 120.5 118.3 101.9 105.8 112.5 111.3 108.6 111.3	117.3 122.3 117.5 102.4 100.0 111.2 125.7 131.4 128.7 126.2 132.6 138.1	9344 93401 93402 944003 9550001 9550001 956003	114.4 114.9 115.6 116.7 117.1 118.9 120.8 120.5 121.4 126.6	117.69 118.5 119.3 120.6 121.9 124.9 124.6 125.6 128.9	100.3 100.3 100.3 100.7 101.4 101.2 102.1 102.7 102.4 101.6 101.6 103.8 105.1	111.3 112.6 114.4 116.5 118.9 120.9 125.0 126.4 127.7 131.5	125.7 127.1 129.3 131.8 135.1 137.0 138.4 138.3 138.3 138.3 138.0 143.0

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 8888999999	117.0 114.9 109.8 100.4 100.0 103.1 104.7 109.5 111.2 116.0 118.9	124.0 124.7 118.4 102.2 1003.9 106.3 101.4 112.9 117.4 112.4	130.6 124.9 118.4 105.0 100.0 98.0 97.1 100.5 100.2 100.2	128.7 128.4 126.1 104.2 100.0 105.9 114.5 120.8 111.8 108.1 113.5 126.4	1 2 4 . 1 1 3 2 6 . 8 1 0 6 . 1 1 1 0 0 . 0 1 1 1 1 . 4 1 2 8 . 3 1 3 0 . 6 1 2 8 . 4 1 2 8 . 3 1 3 0 . 9	9344123 944QQ3 944QQ3 955QQ3412 955QQ3 966Q3	115.5 115.7 116.1 116.1 116.3 116.4 117.8 119.6 118.8 119.6 118.8 119.3	118.3 118.7 119.4 118.7 119.9 121.4 123.0 123.2 122.2 122.2 122.2	99.8 99.8 100.2 99.5 100.0 99.6 100.0 98.8 98.8 98.4 102.4	113.9 115.5 117.5 118.2 120.5 124.2 126.7 127.3 128.8 132.8 135.2	128.97 130.2 134.2 134.2 134.4 139.4 139.4 140.5 139.4

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

,	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP	leflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
83456678890123945	118.5 117.5 112.6 101.0 100.0 1007.7 1107.7 113.8 112.7 112.5	126.4 128.2 102.8 100.9 109.9 115.5 115.8 115.5	135.0 129.8 123.2 105.6 100.0 98.5 98.8 101.7 100.9 98.8 97.8	130.7 132.3 130.4 105.1 100.0 108.4 119.9 119.8 113.2 111.6 119.5	129.8 138.8 133.1 108.0 100.0 113.2 131.9 134.1 129.3 121.8	9344 93401 9344003 944001 9550001 9550001 96003	113.4 112.7 113.4 112.6 112.5 112.5 112.1 1112.8 114.5 114.5	116.05 116.4 115.4 115.8 115.7 115.26 116.4 115.9 117.9 117.9	99.3 98.4 98.8 97.8 97.3 96.7 95.0 96.1 96.1	112.8 113.4 115.6 116.3 117.1 118.2 118.4 118.3 120.8 120.8 123.4 129.7	122.5 123.2 126.3 126.3 128.7 127.9 127.9 127.9 127.9 136.5 139.5

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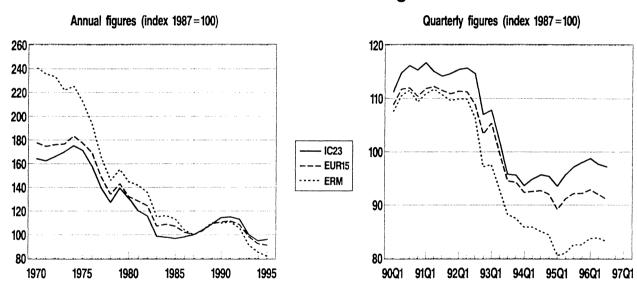
ULCM = Nominal Unit Labour Cost in Manufacturing industry

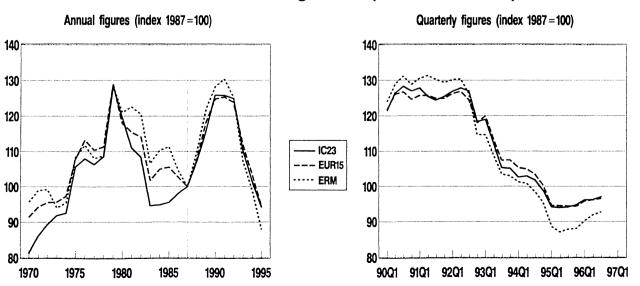
Spain – peseta

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (narterly figures ndex (1987=100)			Monthly figures monthly % change		
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM
83 845 885 889 991 993 995	98.7 97.9 96.8 98.3 1004.2 109.0 114.4 115.1 113.1 100.2 94.9 96.1	107.3 108.8 107.2 102.2 100.3.4 109.1 110.7 111.6 108.6 98.4 91.2	114.9 116.1 113.4 104.1 1004.2 109.9 109.7 110.7 105.7 91.5 85.3 81.6	93Q4 93Q41 944Q23 944QQ1 955QQ3 955Q4 96QQ3	95.8 95.6 93.6 94.9 95.4 95.7 98.6 97.1 98.8 97.2	94.33 942.57 992.09 992.09 992.09 992.09 991.1	35891450568 8755540105688 88755340105688 8888888888888888888888888888888888	SCCOVER A MANN 96 6 A MANN 96 6 JULG 96 6 SEP 6	-0.6 0.8 0.8 0.5 0.3 -0.0 -0.4 0.1 -1.0 -1.0 0.4 0.2 -0.1	-0.7 0.1 0.4 0.7 0.3 -0.0 -0.3 0.2 -0.7 -1.3 0.1	-0.5 -0.4 1.0 0.6 0.2 -0.1 -0.5 -1.0 -0.1

Nominal Effective Exchange Rate





Spain - peseta

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8456789012345 8899999999	87.9 90.9 97.1 100.0 104.8 111.3 120.2 120.5 108.5 104.2	86.9 90.1 90.6 97.0 105.1 112.2 119.9 122.8 123.7 1105.4 105.3	90.0 93.6 94.4 97.2 103.8 107.5 114.3 115.7 101.2 104.0	93.8 93.7 92.9 97.1 105.9 111.6 121.4 123.2 103.2	94.6 94.8 95.6 98.1 1007.1 115.7 125.8 125.8 125.0 1101.5 94.3	9344 93401 93402 944001 955003 955001 956002 9603	104.0 104.1 102.3 105.3 105.2 103.5 106.0 109.1 1108.9 108.9	105.5 105.5 103.5 106.5 106.5 104.9 109.7 110.9 110.9 110.5	100.1 100.5 99.1 101.0 102.4 102.5 1003.5 105.2 106.4 106.5 106.5	104.9 104.7 102.4 103.5 103.9 102.9 100.2 103.2 104.1 105.4 104.3	105.3 105.6 102.9 102.9 101.9 94.2 94.0 94.8 96.2 97.0

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
834567889012345	92.0 98.0 98.3 99.6 1005.0 112.9 116.1 118.4 104.5 105.1	92.0 98.2 98.8 99.9 100.0 105.2 113.6 117.9 121.1 121.0 110.5 105.2 106.1	95.8 101.6 101.7 99.7 100.0 104.0 108.5 110.3 112.3 112.6 99.8 100.9	99.1 101.5 100.9 100.0 106.2 113.6 118.3 120.8 121.7 111.7	101.7 105.0 105.6 102.7 100.0 107.5 118.3 124.8 125.3 123.9 112.0 103.5 94.5	93Q3 93Q4 94Q2 94Q3 95Q2 95Q3 95Q4 96Q3	105.1 105.3 103.6 104.3 105.1 104.8 102.1 106.5 106.5 106.9 108.0	1 0 6 . 1 1 0 6 . 2 1 0 4 . 4 1 0 5 . 1 1 0 5 . 8 1 0 5 . 7 1 0 3 . 0 1 0 7 . 6 1 0 8 . 1 1 0 9 . 5 1 0 7 . 7	99.3 99.8 99.5 99.6 100.5 98.0 7 102.3 102.3 102.3 103.5 103.5	106.8 106.7 104.7 105.0 105.0 103.9 1002.3 103.3 103.3 104.2 104.2	107.45 107.3 105.3 104.9 103.2 1003.2 1003.2 1003.2 94.6 94.3 94.3 95.1 96.5

,	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 888888999999	93.9 100.9 101.4 100.4 107.0 116.4 119.7 123.7 121.4 107.6 102.5	94.5 101.8 102.7 100.6 100.5 117.7 121.7 124.5 108.9 103.3	99.7 106.3 106.5 100.3 100.3 104.7 110.5 112.6 114.8 113.7 102.5 98.3	101.4 105.3 105.1 101.0 109.0 119.4 125.0 129.4 127.8 111.0 103.8 98.6	106.6 110.3 111.4 104.6 1009.6 121.9 128.2 128.2 107.4 125.2 107.4 99.0 87.9	93441 93401 934023 944001 955004 955000 9600 9600	104.1 103.7 102.2 102.8 102.5 98.5 99.7 102.7 104.6 104.5	105.1 104.5 103.0 103.3 103.3 103.2 99.2 100.5 103.8 103.8 105.9	99.3 99.1 97.8 98.6 98.6 95.6 1000.7 1002.9 102.9	107.0 106.2 104.5 104.7 103.6 102.4 97.3 97.6 99.5 99.9 102.9 103.0	103.5 102.9 101.2 100.9 98.5 95.4 87.8 87.8 88.0 90.3 91.9 92.7

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

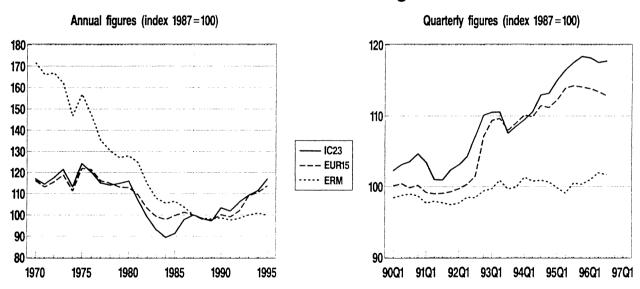
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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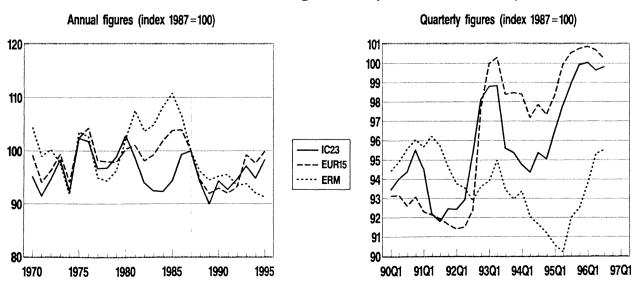
France - franc

Nominal Effective Exchange Rate

Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change
Relative to	Relative to	Relative to IC23 EUR15 ERM
83	93Q3 107.6 108.0 99.7 93Q4 108.6 109.0 99.9 94Q1 109.5 110.1 101.3 94Q2 110.6 109.9 100.8 94Q4 113.0 111.4 100.9 94Q4 113.2 111.2 100.6 95Q1 115.1 112.3 99.8 95Q2 116.5 113.9 99.1 95Q3 117.5 114.2 100.5 95Q4 118.4 114.1 100.3 96Q1 118.2 113.9 101.0 96Q2 117.5 113.4 101.9 96Q3 117.7 112.9 101.7	SEP95 -0.3 -0.5 -0.2 OCT95 0.3 -0.4 -1.1 NOV95 1.3 1.1 1.1 DEC95 -0.5 -0.3 -0.1 JAN96 0.2 0.1 0.4 FEB96 -0.6 -0.6 -0.4 MAR96 0.0 0.1 0.4 APR96 0.1 0.3 0.7 MAY96 -0.7 -0.5 0.2 JUN96 0.0 -0.5 -0.0 JUL96 0.7 0.4 0.2 AUG96 -0.2 -0.3 -0.7 SEP96 -0.4 -0.5 0.1

Nominal Effective Exchange Rate





France - franc

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 888889999999	92.96 92.69 92.69 98.60 1007.00 94.38 96.38 97.95	91.8 89.7 92.0 99.0 100.0 93.8 97.7 94.4 96.1 98.0 5	90.2 89.3 92.0 99.3 100.0 96.5 99.7 97.5 99.1 97.8 101.8	96.428 95.33 1000.056 91.13 91.11 91.13 91.13 91.13 91.13 91.13 91.13 91.13 91.13	92.5 92.3 94.4 99.3 100.0 94.1 90.0 94.3 92.7 97.1 94.7 97.1 98.3	34112341123 3344000000000000000000000000000000000	96.8 97.9 97.9 99.3 100.5 101.8 101.8 101.8	96.4 97.4 97.9 97.9 99.3 100.5 101.3 101.8 101.8 100.9	95.8 96.9 98.2 999.5 1001.5 101.7 101.7 101.8 101.8	94.6 95.3 95.6 97.1 98.6 97.1 100.8 100.8 100.3	955484 995444 99551 99678 9999 100999

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
834567889012345	97.3 97.4 100.0 101.1 100.0 97.3 95.8 96.5 93.4 94.3 99.5 100.9	97.2 97.4 99.9 101.9 100.0 96.9 95.5 92.6 93.3 98.9 100.4	95.9 96.6 98.6 101.7 100.3 97.3 97.3 95.8 95.8 98.7	101.8 101.9 103.7 103.3 100.3 95.9 93.2 93.2 91.2 97.2 97.2	99.3 101.9 103.8 104.0 100.0 94.5 91.9 93.0 92.0 93.2 99.3 97.7 99.9	9344 93401 93402 94402 94402 95502 95502 95602 9603	98.0 98.4 98.9 100.5 100.2 101.2 100.9 100.1 99.5	97.5 98.9 98.4 99.5 99.6 100.7 100.7 100.4 109.4 98.7	95.4 998.4 998.8 998.8 998.8 998.3 998.3 998.3 998.3 998.3	97.0 97.7 98.4 97.9 99.1 98.9 100.0 101.5 101.7 101.4 100.1 99.3	98.4 98.4 97.9 97.9 97.3 98.3 98.3 100.5 100.5

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
845678890123 8899999999999999999999999999999999999	99.1 100.2 1003.4 1002.0 1009.2 98.9 97.5 96.9 95.5	99.8 101.1 104.3 102.8 100.0 98.5 98.7 95.6 96.3 96.3	99.9 101.2 103.5 102.5 102.5 108.9 99.3 98.8 97.5 96.2 95.3 95.3	104.4 106.3 109.0 104.7 100.0 98.4 98.2 99.1 97.3 95.7 97.0 96.3	104.9 108.3 110.8 106.6 100.0 96.1 94.5 95.6 93.5 93.8 92.1 91.3	93Q4 93Q11 94QQ2 94QQ3 94QQ4 955QQ2 955QQ1 955QQ1 966Q2 96Q3	966984570832996699966999967999967999967999679996799967999679996799	0013288031652 99766544.31652	94.83 957.65 96.99 97.65 954.65 955.4 955.4 957.2	96.7 96.7 97.8 97.0 97.0 96.1 95.5 96.8 97.3 98.3	992321 992321 9923255 9955

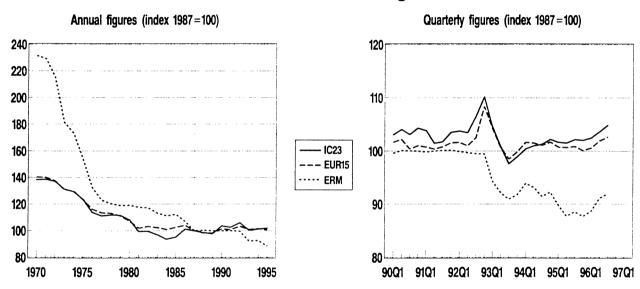
Abbreviations: IC23 = 23 Industrial Countries
EUR15 = 15 Member States of the European Union
ERM = Countries in the Exchange Rate Mechanism
CPI = Consumer Price Index
GDP = Gross Domestic Product Deflator
PX = Price Deflator Exports of Goods and Services
ULCE = Nominal Unit Labour Cost in total Economy
ULCM = Nominal Unit Labour Cost in Manufacturing industry

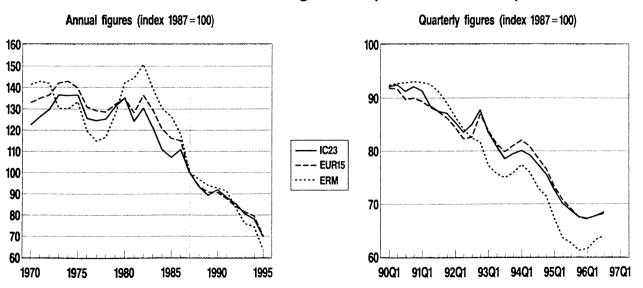
Ireland - pound

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	;s (0)	Q	uarterl index (y figur 1987=10	e s 0)	Mo mo	n t h l y n t h l y	figure % chan	s g e
	Re IC23	96.9 102.2 113.1			Re IC23	lative EUR15	t o ERM		R 6	elative EUR15	t o ERM
834567899112345 888899999999	96.9 93.6 95.3 101.2 108.6 97.8 103.6 105.9 1001.2 101.8	102.2 100.9 102.5 104.0 100.0 98.4 98.3 101.3 100.9 103.3 100.8	113.1 111.2 112.2 106.9 1000.4 99.9 100.0 199.6 99.6 992.7 88.4	3341233412334429944995566Q39966Q3	97.6 98.9 100.4 101.3 102.2 101.7 101.5 102.0 102.0 103.6 104.8	98.5 99.9 101.6 101.5 101.7 100.7 100.7 100.9 100.1 100.6 101.9	90.8 91.8 93.1 91.2 89.7 88.7 87.7 88.7 87.7 88.7 91.0	SCT 955 SCT 955 SCT 955 SCT 955 SCT 956 SCT 966 SCT 966 SCT 966 SCT 966 SCT 966 SCT 966 SCT 966 SCT 966	0 · 2 - 0 · 3 - 0 · 2 0 · 4 0 · 1 - 0 · 2 0 · 5 0 · 7 0 · 8 - 0 · 3 - 0 · 2	0 . 1 -0 . 8 -0 . 4 0 . 4 0 . 3 0 . 1 -0 . 1 0 . 6	0 · 4 -1 · 4 -0 · 6 0 · 6 0 · 3 0 · 1 1 · 0 1 · 8 1 · 0 -0 · 3 -0 · 7 1 · 4

Nominal Effective Exchange Rate





Ireland - pound

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8345678890123345 8890123345	96.4 94.7 96.4 102.6 102.6 97.0 106.8 98.6 92.7 92.7	95.9 93.7 95.5 103.0 100.0 97.6 97.1 97.1 93.3 94.7 90.5 89.2	98.0 96.1 97.3 100.0 101.9 102.2 95.8 96.5 94.8 94.1	99.1 95.6 96.0 103.8 100.0 97.7 93.1 94.0 89.9 91.4 886.8 81.7	121.4 110.8 107.2 110.8 100.0 93.4 89.3 92.0 88.6 85.4 80.4 80.8	93Q4 94Q1 94Q2 94Q4 95Q1 95Q3 95Q3 95Q4 96Q2 96Q3	46058595754 902223222234 99999999999999999999999999999	889.6663 990.559 990.688.204 889.446	92.71 94.09 95.09 94.95 94.09 95.29 94.02 94.02 95.8	85.7 86.9 87.8 87.5 86.6 83.5 81.2 80.4 80.4	78.55 799.35 797.57 722.61 667.68 667.88 667.68

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
3456789012345 88899999999	100.6 100.8 102.6 104.8 108.8 98.1 98.7 96.7 92.9 92.9	101.0 100.7 102.4 105.5 100.7 98.0 95.5 91.1 90.7 88.1	103.6 103.1 103.3 104.0 100.0 102.1 103.4 96.3 94.0 94.0 93.8 91.6	1 0 4 . 0 1 0 2 . 2 1 0 2 . 5 1 0 6 . 2 1 0 0 8 . 0 9 4 . 2 9 2 . 5 8 8 9 . 6 8 8 7 . 9 8 1 . 9	129.5 120.6 116.1 115.1 100.8 93.7 90.8 90.8 84.1 81.5 79.5	9304 9304 9402 9402 94001 95003 95004 96003	913.4 913.5 913.5 911.6 911.6 911.6 911.6 911.6 911.6	89.3 991.6 91.0 90.1 88.7 88.3 87.4 87.9	92.36 93.68 94.01 93.12 92.07 91.78 91.45 91.45 93.1	86.9 889.5 88.8 87.2 86.3 83.9 82.4 80.1 80.1 80.2 81.7	79.88 82.9 80.9 78.76 73.3 70.8 67.5 67.2 68.2

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	d GDP	eflator PX	ULCE	ULCM
8345688899123945	106.0 106.6 109.1 106.3 1002.4 102.6 101.6 100.9 99.7 91.6 87.5	107.7 107.8 110.4 107.0 100.0 101.6 103.5 99.4 97.6 95.7 89.7 89.2 83.8	111.6 111.6 112.4 104.9 1003.9 106.6 98.3 97.3 94.9 93.6 93.6	109.1 110.4 1108.1 1100.6 101.9 100.9 96.1 89.5 79.4	139.7 130.2 126.5 118.2 100.9 93.9 93.9 92.7 91.4 83.6 76.0 74.5 63.6	93Q4 93Q4 94Q1 94Q3 94Q3 95Q1 95Q3 95Q4 96Q3	89.66 992.0 991.3 88.8 867.5 879.8 90.6	88	93.3 94.4 95.4 93.7 91.5 90.2 88.7 88.9 89.1 92.7	88.3 89.2 91.1 89.8 87.0 86.3 79.1 77.5 78.2 80.4 81.3	75.9 777.4 76.0 773.1 773.5 673.6 63.6 61.2 61.2 61.2 61.2

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

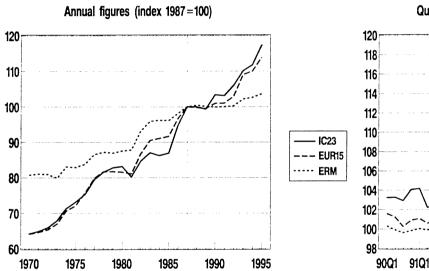
ULCM = Nominal Unit Labour Cost in Manufacturing industry

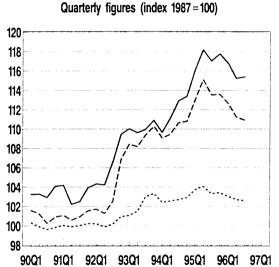
Netherlands - guilder

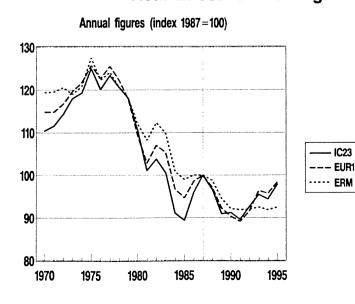
Nominal Effective Exchange Rate

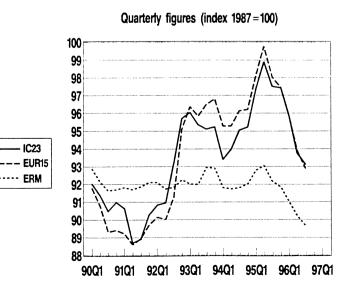
	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	M o m o	n t h l y n t h l y	figure % chan	s g e
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
83 84 85 88 88 89 99 99 99 99 99 99 99 99 99	87.0 86.3 87.0 94.7 100.0 99.4 103.4 103.2 106.1 110.1 111.8	90.5 91.1 91.7 96.7 100.8 99.8 99.5 101.0 103.1 109.1 110.0	956.21 966.11 988.1 1000.5 1000.3 1000.3 1002.6 103.6	93Q4 93Q11 94Q23 94Q23 95Q23 95Q23 95Q24 96Q3	110.0 110.9 109.7 111.1 112.9 113.4 116.1 118.2 117.0 117.8 116.8 116.8	109.4 110.3 109.1 109.5 110.8 113.1 115.5 113.6 112.6 111.3	103.0 103.3 102.4 102.6 102.7 102.9 103.7 103.3 103.4 103.7 102.6	SET 955 OCO V 955 DEC V 956 DEC V 956 DEC V 956 MAN 956 MAN 956 MAN 956 JULG 956 JULG 956 SET 956	-0.0 1.2 -0.1 -0.4 -0.4 -0.3 -0.6 -0.8 -0.1 0.6	-0.1 0.8 -0.3 -0.4 -0.0 -0.5 -0.6 -0.4	0.1 0.4 -0.3 -0.1 -0.1 -0.1 -0.1 -0.1 -0.1 -0.3 -0.3

Nominal Effective Exchange Rate









Page 19

Netherlands – guilder

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 8888999999	97.7 91.9 97.7 100.0 97.1 93.2 94.8 93.0 94.7 97.5 100.2	1 0 1 . 7 97 . 0 94 . 8 98 . 9 1 0 0 . 0 97 . 4 93 . 5 95 . 8 93 . 8 96 . 0 1 0 0 . 1	109.5 107.4 105.8 100.3 100.3 96.6 98.5 97.0 96.3 96.3	100.8 93.4 90.5 96.4 100.0 91.1 91.1 89.2 91.3 94.7 95.5	100.6 91.1 89.4 95.9 100.9 96.7 90.9 91.2 89.6 92.6 92.6 94.4	9344123 9344QQ3 944QQ3 9555QQ3 9555QQ3 966Q3	96.7 97.4 96.2 97.2 98.4 100.0 101.1 99.1 100.1 99.1 99.1 97.8	95.7 96.5 95.4 96.6 97.9 97.9 99.8 101.7 100.0 97.5 97.6	99999999999999999999999999999999999999	94.5 93.7 94.7 96.0 98.7 1099.3 99.3 99.5 98.3 96.2	955.24 953.40 953.45 957.89 957.89 957.4 957.54 957.54 957.54 957.54

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		Deflator CPI GDP PX ULCE				ULCM
3456789012345 888888999999	100.7 97.7 96.1 99.2 100.0 97.3 94.0 93.1 97.6 99.4	105.6 102.2 99.8 100.7 100.7 97.5 94.2 93.5 91.9 96.7 98.9	114.3 113.2 110.7 101.8 100.0 98.0 97.1 95.7 94.8 95.4 95.6	1 0 4 . 4 98 . 0 94 . 9 98 . 0 1 00 . 0 97 . 5 92 . 1 90 . 1 95 . 1 95 . 1 95 . 1	105.4 96.7 94.7 98.6 100.97.1 92.2 90.3 91.6 96.7 98.3	341234123 GQQQQQQQQQQQQ 33444455555666 999999999999999999999999999	97.52 97.42 97.44 98.89 99.31 1098.89 98.89 97.98	96.1 97.0 96.0 96.4 97.2 98.7 100.7 108.4 98.3 97.3	955.944.9956.279966.3499567.99965.44.5	95.4 95.3 95.6 95.6 991.1 1099.4 999.4 986.6 95.9	966.33 965.31 965.31 965.31 965.36 967.5 989.9 977.5 997.9 997.9 999.9

,	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
8 4 5 6 7 8 9 0 1 2 3 4 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	102.7 108.7 98.8 109.0 96.4 95.4 95.4 96.1 96.1	1 0 8 . 5 1 0 5 . 7 1 0 3 . 4 1 0 1 . 3 1 0 0 . 0 9 7 . 1 9 6 . 0 9 3 . 8 9 4 . 6 9 5 . 1 9 5 . 3	118.9 118.2 115.7 102.3 100.0 98.7 98.7 98.1 95.2 94.5	106.7 101.1 98.2 98.8 100.0 99.8 96.2 94.4 94.1 93.8 95.6 96.9	109.9 109.9 99.0 100.0 100.0 108.8 94.5 92.1 92.0 92.8 92.5	93Q4 93Q4 94Q1 94Q2 94Q3 95Q1 95Q3 95Q4 96Q3	9976610 9976610 996643 996651 995551 99559	269122777995 55455555444 9995555444 9999999999	955.4.55499944.99944.999433.9	95.1 95.3 95.4 95.7 97.0 97.0 96.7 96.27 95.5	93.0 92.8 91.7 91.0 92.8 92.8 92.9 91.0 91.0 91.0 91.0 91.0

```
Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

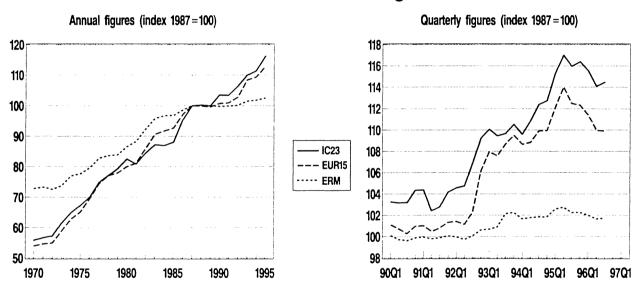
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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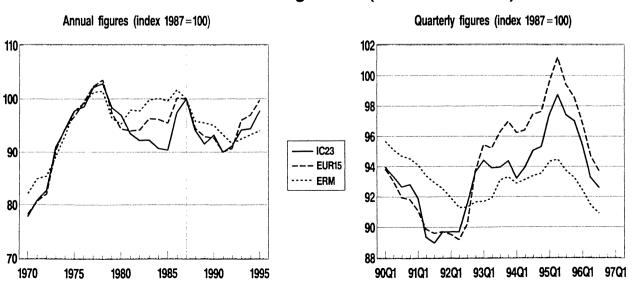
Austria - schilling

Nominal Effective Exchange Rate

Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change			
Relative to	Relative to	Relative to			
83 87.2 90.6 95.8 84 87.0 91.7 96.8 85 88.1 92.7 96.9 86 95.3 97.2 98.6 87 100.0 100.0 100.0 88 100.2 99.9 100.2 89 99.9 99.6 100.0 90 103.5 100.8 99.9 91 103.4 100.9 99.9 92 106.3 102.7 100.1 93 109.9 108.4 101.5 94 111.4 109.3 101.8 95 116.2 112.7 102.5	93Q3 109.7 108.7 102.1 93Q4 110.5 109.5 102.3 94Q1 109.6 108.7 101.7 94Q2 110.8 108.8 101.8 94Q3 112.4 109.9 101.8 95Q1 115.3 112.1 102.6 95Q2 117.0 114.0 102.8 95Q3 116.0 112.5 102.3 95Q4 116.4 112.3 102.3 95Q4 116.4 112.3 102.3 96Q1 115.5 111.4 102.0 96Q3 114.5 109.9 101.7	SEP95			

Nominal Effective Exchange Rate





Austria - schilling

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8345678890123345	91.1 90.8 97.4 100.3 96.1 98.3 96.6 98.9 101.8 106.3	90.3 89.3 96.3 96.3 100.0 98.1 96.2 98.1 97.1 99.8 103.8	89.9 88.2 88.8 97.1 100.99.8 97.1 100.4 102.1 104.3 104.3	88.7 88.4 88.8 96.6 100.0 94.9 95.4 98.0 102.1 107.0 111.0	92.2 90.7 90.4 97.5 100.9 91.5 93.2 90.0 91.1 94.2 94.2	9344123 944QQ3 944QQ3 955QQ3 955QQQ3 956QQ3	101.5 102.3 102.3 103.6 103.7 105.9 107.2 106.2 105.3 103.9	102.7 103.7 103.1 104.4 105.8 106.0 108.1 109.3 108.2 107.7 105.9	103.9 104.6 103.7 104.6 105.2 106.8 106.1 106.2 106.2 104.7	102.1 104.3 106.5 108.8 110.9 111.9 110.6 109.7 108.5	9433.13 9433.13 957.5 977.4 977.4 977.4 977.4 977.4

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

/	Annual figures (index 1987=100)						arterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
83 845 867 889 91 993 995	93.7 94.8 94.7 98.7 100.0 98.4 96.7 97.3 102.3 103.3 106.2	93.4 94.2 93.7 97.9 100.0 98.2 96.7 96.6 97.8 103.3 105.2 107.9	93.3 92.5 98.5 98.5 100.0 97.5 98.1 100.0 103.0 103.0 104.2 105.0	91.5 92.8 98.2 100.2 96.0 95.1 95.5 97.3 103.2 112.7	96.3 96.2 95.5 1000.1 1000.0 94.4 92.9 90.1 90.6 96.9 99.7	9344 93401 94402 94402 94402 955003 95602 9603	102.7 103.5 102.7 103.9 103.9 105.8 105.8 105.7 105.7	103.6 104.7 104.2 104.7 105.9 105.8 107.7 109.2 107.5 107.5 107.5	103.8 104.6 103.9 104.1 104.1 105.3 104.3 104.3 104.1 103.4 102.4	104.3 106.4 107.2 108.6 110.7 112.1 111.9 110.9 109.5	96.2 96.4 97.6 97.6 97.6 1 97.2 99.2 98.6 94.7 93.7

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	ULCM		
3456789012345 88889999999	94.5 96.7 99.2 100.8 99.1 99.1 99.3 101.6	94.7 96.3 98.4 100.0 99.8 99.5 99.6 100.0 101.7	95.7 95.5 98.9 100.5 99.0 100.6 102.8 102.8	92.5 94.9 95.6 98.9 100.0 99.1 99.9 99.6 101.1 103.2 108.1	99.7 100.1 99.6 101.7 100.0 95.8 95.4 95.2 91.5 92.5 93.2	9344023 9344023 9440003 9550003 9956603	101.7 101.9 101.4 101.6 101.7 101.8 102.6 102.4 102.4 102.4 102.2	102.4 103.0 102.8 103.2 103.5 104.2 104.3 103.7 103.7	103.4 103.6 103.0 102.9 102.5 102.9 102.3 102.3 102.3	104.0 105.6 106.5 108.0 109.0 109.6 109.4 108.7 108.7	93.39 932.1 933.4 933.4 933.4 933.4 933.4 933.4 933.4 930.9

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

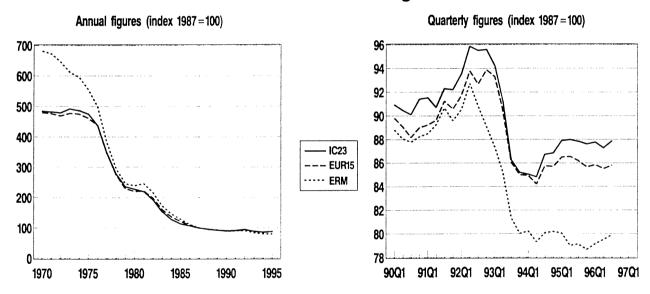
ULCM = Nominal Unit Labour Cost in Manufacturing industry

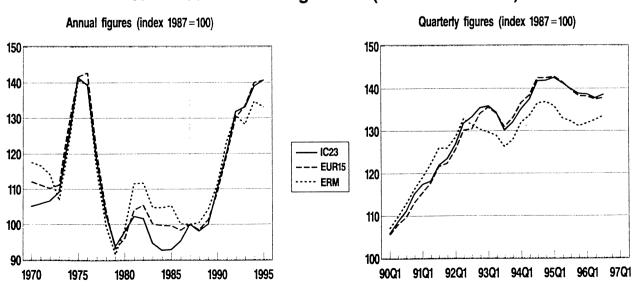
Portugal - escudo

Nominal Effective Exchange Rate

Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change			
Relative to	Relative to IC23 EUR15 ERM	Relative to IC23 EUR15 ERM			
83	93Q3 86.3 86.0 81.3 93Q4 85.2 85.0 80.0 94Q1 85.0 84.9 80.2 94Q2 84.8 84.2 79.3 94Q3 86.7 85.7 80.1 94Q4 86.9 85.7 80.2 95Q1 87.9 86.5 79.0 95Q2 88.0 86.5 79.0 95Q3 87.8 86.2 79.1 95Q4 87.6 85.6 78.7 96Q1 87.8 85.8 79.2 96Q2 87.3 85.5 79.5 96Q3 87.9 85.8 79.9	SEP95 -0.6 -0.6 -0.4 OCT95 0.2 -0.2 -0.5 NOV95 0.1 -0.0 -0.1 DEC95 -0.4 -0.3 -0.2 JAN96 0.6 0.5 0.7 FEB96 -0.2 -0.2 -0.1 MAR96 0.1 0.1 0.3 APR96 0.0 0.1 0.4 MAY96 -0.7 -0.6 -0.1 JUN96 -0.1 -0.4 -0.0 JUL96 0.5 0.3 0.2 AUG96 0.8 0.7 0.4 SEP96 -0.1 -0.1 0.3			

Nominal Effective Exchange Rate





Portugal - escudo

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual figures (index 1987=100)						arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
8345 885 887 889 991 993 995	94.9 95.9 97.2 100.9 100.7 101.7 118.9 131.8 127.0 129.6	90.7 89.3 92.2 100.1 100.0 101.7 105.0 119.7 135.8 132.9 136.7	92.3 94.0 95.0 97.6 100.0 103.8 106.5 113.1 111.7 116.3 119.5	98.0 95.5 97.2 100.2 101.1 104.4 113.5 138.8 137.5 141.5	94.6 92.6 92.8 95.2 100.0 1100.0 1100.3 131.8 133.1 139.0 140.7	9344123 944QQ3 944QQQ3 9555QQQ4 9555QQQQ 9966QQ	123.9 123.1 123.3 126.5 127.2 129.2 129.7 139.7	128.6 127.8 128.4 128.9 133.6 133.6 133.7 137.1 137.8 137.8	114.9 115.0 115.3 114.9 117.4 117.4 119.8 119.7 119.3 119.3 118.4 119.0	134.4 135.7 138.1 139.7 144.0 145.9 145.7 145.4 145.4 146.3 146.3	130 · 2 132 · 1 135 · 2 137 · 4 141 · 9 142 · 6 141 · 0 138 · 8 138 · 8 137 · 6

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
834567889012345	98.6 101.4 102.8 102.7 100.0 101.8 106.4 117.8 129.7 127.7 127.8	95.1 95.3 98.2 102.2 100.0 101.7 105.7 109.2 118.2 133.0 132.2 134.8	97.1 100.3 99.3 100.9 103.9 107.2 108.6 109.3 115.9	102.2 101.2 103.1 102.1 100.1 101.3 105.4 1129.7 136.6 137.6 142.0 145.1	100.1 99.7 99.6 98.3 100.0 98.4 101.3 109.3 130.1 133.4 140.0	341234123 GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	124.3 123.7 123.0 1223.0 126.4 128.6 128.6 128.6 128.6 128.6 128.6 128.6	128.5 127.5 128.4 131.3 134.3 135.0 135.0 135.4 135.4	114.0 114.2 114.6 113.6 115.7 117.1 117.0 116.3 116.0 116.3	135.5 139.2 140.2 144.1 145.4 145.4 144.4 145.5 144.1	130.9 1336.7 136.7 138.4 142.5 142.5 142.6 139.9 138.3 138.3 138.4 137.8

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	leflator PX	ULCE	ULCM		CPI	GDP d	lefiator PX	ULCE	ULCM
8345678999123945	101.3 104.9 106.7 103.6 100.0 103.9 109.6 112.0 132.6 123.5 124.7	98.4 99.3 102.8 103.1 1004.1 109.5 1123.0 136.3 130.6 128.7	101.4 105.6 99.9 100.0 104.9 109.3 109.8 110.0 114.0 115.0	104.8 105.3 108.0 103.3 100.0 104.1 1110.8 118.2 142.9 138.1 142.9	104.8 104.7 105.3 100.1 100.5 104.2 111.2 123.3 130.8 128.2 134.7 133.1	9344 93401 94402 94402 95502 95504 9602 9603	123.7 1223.1 1222.2 124.8 125.2 124.5 125.2 124.5 125.7 126.7	127.7 126.5 127.7 127.2 129.4 130.4 131.1 130.9 131.1 130.9 132.3 133.4	114.1 113.8 114.4 112.9 114.1 114.7 115.3 115.3 114.7 115.6 116.0	136.0 136.9 140.2 140.9 143.7 144.2 143.8 141.7 141.9 143.5 141.7	126.3 128.0 132.6 133.6 136.9 135.0 135.3 131.8 132.3 131.8 133.5

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

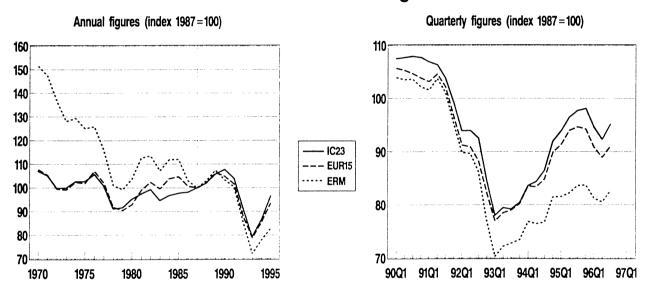
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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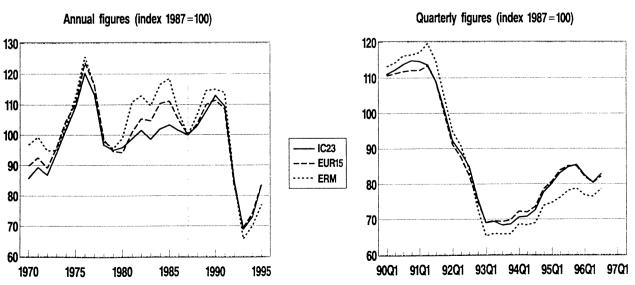
Finland - markka

Nominal Effective Exchange Rate

	Annual figures index (1987=100)			Quarterly figures index (1987=100)				Monthly figures monthly % change			
	Relative to IC23 EUR15 ERM				Re IC23	lative to EUR15 ERM			Relative IC23 EUR15		
83 84 85 86 87 88 99 99 99 99 99 99 99 99 99	94.6 96.7 97.7 98.2 100.0 101.9 105.7 107.7 104.0 91.2 79.3 86.5	99.5 103.8 104.7 100.7 100.9 106.3 104.9 101.9 107.9 107.9	107.2 1112.0 103.0 100.0 107.4 103.3 100.4 85.5 72.1 72.8	93Q3 93Q4 93QQ1 944QQ4 95QQ3 955QQ1 96QQ3	79.2 80.56 83.6 84.4 86.5 93.9 96.5 97.1 98.1	79.3 83.5 83.4 84.8 891.4 94.6 94.2 90.8 88.9	72.8 73.4 76.4 76.7 81.5 82.2 83.7 81.2 80.5	SCOVER S S S S S S S S S S S S S S S S S S S	-0.6 0.4 0.5 -1.0 -1.4 -2.1 -0.9 -1.3 1.6 0.97 -0.5	-0.8 -0.2 -0.8 -1.5 -0.9 -1.6 0.5	-0.3 -0.5 0.5 -0.6 -1.3 -2.0 -0.4 -1.1 1.6 0.3

Nominal Effective Exchange Rate





Finland - markka

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

,	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 888888999999	93.2 96.4 98.0 98.3 1002.5 106.4 1095.6 92.8 81.0 94.4	90.3 95.4 96.7 97.4 104.6 109.6 112.4 105.7 90.1 77.90.1 77.90.1	91.4 95.4 96.0 97.1 103.9 108.4 102.8 96.2 86.2 86.1	88.6 94.1 97.5 98.2 103.0 107.4 112.3 110.8 92.1 74.2 87.7	98.6 101.9 103.3 101.4 100.0 102.8 107.8 112.9 85.3 68.5 72.9 83.4	341234123 GQQQQQQQ 99944QQQQQQQ 9999555566QQ 9999999999999999999	81.19 844.17 855.17 861.75 995.24 995.24 995.24 991.49	77.76.26 81.64 81.64 88.55 93.01 94.47 98.74	86.9 88.0 91.5 91.5 1002.9 108.0 108.5 104.3	74.1 774.0 777.3 79.0 85.3 85.3 87.4 89.2 86.4 87.1	68.66 6702.8 777.803.8 84.55.55 82.9

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	00)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 8889999999	97.0 102.3 103.8 100.1 100.0 107.9 107.9 107.8 104.3 90.7 81.4 87.0 93.1	95.1 102.5 103.6 99.5 1004.9 110.9 110.9 110.9 110.9 170.9 170.9 170.9 170.9	97.2 102.9 102.4 99.0 100.0 104.3 109.5 107.3 109.5 107.3 93.2 85.5 102.9	92.7 100.2 103.6 100.3 100.0 103.6 109.1 110.4 90.1 75.1 87.5	104.6 110.3 111.1 104.9 100.0 103.6 110.0 111.4 108.5 83.8 69.4 74.1 83.7	93Q3 93Q4 94Q2 94Q2 94Q01 95Q02 95Q03 95Q04 96Q02 96Q03	8	7 7 8 1 . 3 8 8 1 . 3 8 8 9 . 6 8 9 9 1 . 6 3 8 8 6 8 8 8 6 8 2	86.1 87.2 90.4 90.1 91.8 97.7 99.8 103.2 104.1 109.3	74.95.3 78.078.0 78.0384.3 85.6688.4 85.92	69 3 69 3 72 3 73 6 78 6 80 8 85 1 85 1 80 2

	Annual f	igures	(index	1987=10	00)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 888888999999	99.2 108.1 108.1 1005.4 111.9 110.6 93.9 80.2 85.3	98.1 107.1 108.9 100.7 100.0 107.7 115.8 114.2 109.6 90.6 76.0 81.3	101.4 108.3 108.1 99.8 100.0 105.6 112.3 108.9 103.3 93.8 84.2 99.8	95.1 104.7 109.1 101.8 100.0 106.9 116.2 118.1 195.7 75.0 84.7	109.6 118.5 118.5 107.4 1006.4 114.6 115.0 113.9 85.3 65.7 77.0	93Q3 93Q4 94Q2 94Q2 94Q3 95Q2 95Q2 95Q4 96Q2 96Q3	811 8851 8841 8885 8880 8998 8860	76.7 777.1 80.4 79.0 85.4 85.3 88.4 88.4 88.4 86.6	85.49 889.46 889.27 968.9 968.9 101.9 987.6	75.25 78.55 78.1 78.31 83.2 83.95 86.98 83.98 83.98	65.8 658.7 688.4 673.8 774.8 278.8 776.5 778.5

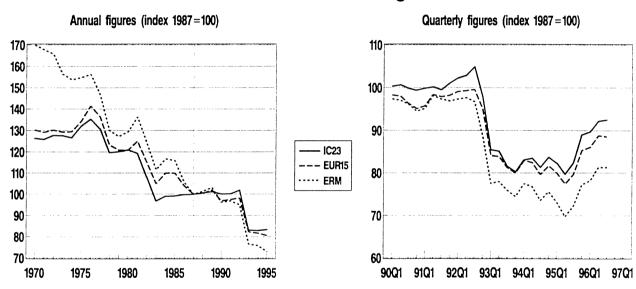
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Abbreviations: IC23 = 23 Industrial Countries
EUR15 = 15 Member States of the European Union
ERM = Countries in the Exchange Rate Mechanism
CPI = Consumer Price Index
GDP = Gross Domestic Product Deflator
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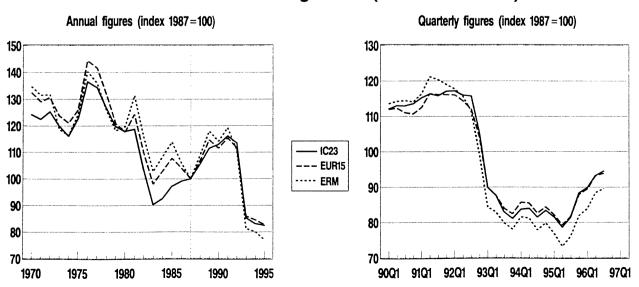
Sweden - krona

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	M o m o	n t h l y n t h l y	figure % chan	s g e
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
8845678990123445	96.8 99.0 99.2 99.8 100.6 101.3 100.1 101.9 83.3	104.9 109.9 109.9 103.9 100.3 100.3 100.3 100.9 96.9 97.5 88.2 81.7 80.5	116.96 1165.60 1105.60 1001.31 1001.31 1001.39 1001.31 1005.80 955.80 7753.0	341234123 GQQQQQQQQQQQQ 3399444455555666 99999999999999	81.63 83.15 83.53 83.77 82.77 82.77 82.07 89.72 89.72 92.5	81.30 822.56 822.56 791.94 779.31 868.88	76.0 74.4 77.5 76.8 73.5 73.0 69.7 77.2 77.2 78.3 81.3	SCOOPE S S S S S S S S S S S S S S S S S S S	2.6 2.6 3.8 0.7 -0.4 -2.0 1.4 -0.3 1.5 -0.5	2 · 4 2 · 0 3 · 5 0 · 9 -0 · 5 -2 · 0 1 · 6 0 · 0 1 · 0 -0 · 7	2.6 1.5 3.4 1.1 -0.8 -1.8 0.6 1.4 -0.9 1.1

Nominal Effective Exchange Rate





Sweden - krona

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

,	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88888999999	91.62 97.1 98.8 1002.3 1008.7 114.5 95.5 96.0	90.6 94.4 96.0 99.4 1002.7 106.4 112.8 112.8 112.2 91.1 92.7	90.6 93.4 94.3 98.3 103.0 104.5 103.5 104.2 102.8 90.8 91.8	91.6 94.5 96.8 99.9 103.7 115.5 115.5 94.3 94.2	90.4 92.6 97.3 99.1 100.0 105.5 111.5 113.5 113.5 85.8 83.2 82.4	9344 9344 9344 9344 9355 9344 9555 966 966 996	94.3 96.2 96.2 936.4 94.0 92.3 1022.3 1054.8	89.5 88.1 91.1 91.6 89.4 91.3 88.0 99.2 99.2 102.0	89.7 88.6 91.4 91.7 90.0 94.0 94.1 92.3 101.3 101.9	91.8 994.4 95.1 925.0 93.1 901.0 101.0 102.1 107.2	81.70 81.70 84.04 81.74 81.74 81.74 88.93 93.5

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	00)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 888889999999	96.9 103.1 105.2 101.5 100.0 107.2 107.2 112.2 96.2 95.7	97.6 104.3 106.0 102.6 1003.0 108.4 107.2 111.1 108.8 90.7 90.5	99.0 103.9 103.7 101.1 100.0 103.4 106.1 101.1 102.4 99.2 88.6 89.7 92.3	97.6 102.9 105.3 102.9 100.0 104.4 113.3 113.3 112.8 93.7 943.7	98.0 102.9 107.8 104.1 100.0 1106.7 1114.6 111.5 115.3 111.6 86.0 84.7	34112341123 34412341123 4444000000000000000000000000000000000	95.5 94.0 97.4 96.6 93.8 93.9 91.1 100.7	73611.30518 881.130518 8811.30518 8919.518 8999.59	88.6 870.4 890.9 87.4 990.7 891.7 892.0 97.8 97.8	915.829955.829955.9915.09955.10955.109955.10955.10955.10955.10955.10955.109955.109955.10955.10955.10955.10955.10955.10955	842.7564 88552.4236 8842.99.529 8879.529

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 888889999999	99.1 106.3 108.8 102.2 100.0 1105.0 117.2 113.7 94.6 90.8	100.3 108.1 110.3 103.2 100.5 105.5 112.4 110.6 88.4 88.4 86.8	102.6 108.3 108.3 101.5 100.0 104.4 108.4 102.7 104.7 99.5 87.6 87.6	99.5 106.6 109.9 103.9 100.0 107.2 119.0 119.4 123.1 116.9 93.7 90.4	102.7 108.4 113.8 106.0 100.0 108.8 117.9 114.1 119.2 110.8 81.3 80.1 77.0	9344 93401 934023 944001 9550001 9550001 956003	93.9 92.1 95.7 94.7 90.7 93.5 90.7 86.8 90.0 96.1 97.0 100.5 100.2	86.99.889.895.86 8699.889.895.86 8699.895.86 8699.895.86	88.47.98 88.99.00 88.99.00 88.99.00 88.99.00 89.00 89.00 96.00 96.00 97.00 97.00	92.7 95.1 94.9 91.1 93.6 90.2 86.3 96.3 96.3 103.4	79.8 78.15 81.5 77.9 796.9 76.9 76.9 83.9 88.5

```
Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

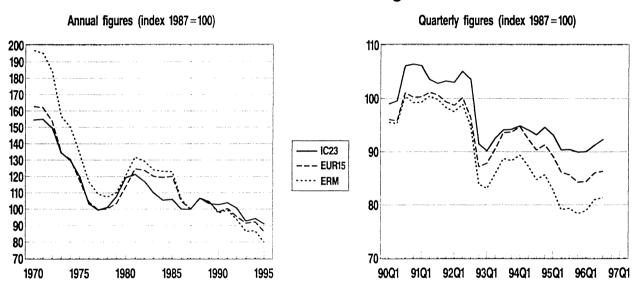
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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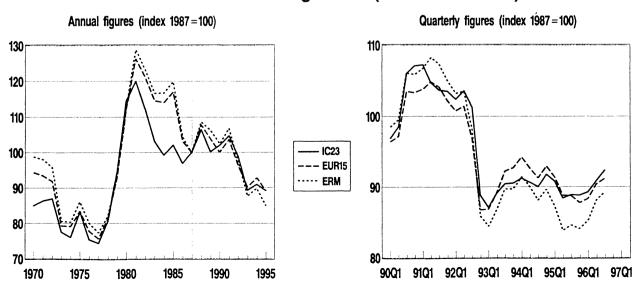
United Kingdom - pound sterling

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarteri index (y figur 1987=10	e s 0)	M o m o	nthly nthly	figure % chan	s g e
	Re IC23	lative EUR15	to ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
83 845 85 889 991 993 995	109.9 105.4 105.9 100.0 100.0 106.6 103.4 102.7 104.0 100.7 92.7 91.0	120.0 119.3 120.0 104.9 100.0 106.7 104.6 98.3 100.4 95.5 91.3 92.1 86.3	1 2 4 . 0 1 2 3 . 1 1 2 2 . 8 1 0 5 . 8 1 0 6 . 5 1 0 4 . 7 9 7 . 5 9 3 . 6 8 6 . 4 8 6 . 7 7 9 . 9	9344123 9344QQ34 9344QQQ3 9344QQQ3 9355QQQQ3 9366Q	94.1 94.2 94.1 93.1 93.3 93.3 90.3 89.0 91.2 92.3	93.676433 9942.33 991965.34 865.3466.3	88.7 88.3 89.4 87.3 84.6 82.8 79.3 78.3 78.9 81.4	SET95 OCOV95 DECN96 FERR96 APR96 APR96 JULG96 JULG96 SEP96	0.5 -0.3 -1.0 -0.5 0.4 0.7 -0.3 0.2 0.9 1.7 -0.1	0 . 4 -1 . 3 -1 . 4 -0 . 2 0 . 3 0 . 8 -0 . 2 0 . 4 1 . 4 1 . 3 -1 . 3	0 . 6 -1 . 5 -1 . 2 0 . 0 0 . 5 0 . 8 0 . 1 0 . 7 1 . 7 1 . 5 -0 . 7 -1 . 4 2 . 0

Nominal Effective Exchange Rate





United Kingdom - pound sterling

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1 9 8 7 = 1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88888999999	109.29 103.9 104.6 99.5 100.8 105.6 105.6 107.3 98.5 99.7	110.2 104.6 106.0 98.8 1008.6 107.7 109.6 101.8 97.7	108.9 106.2 109.0 98.0 103.4 103.5 106.6 106.7 106.4 104.2	105.8 104.1 105.7 99.2 100.8 112.3 116.6 120.5 116.6 105.2 100.4	103.2 99.3 102.1 96.9 106.4 100.2 102.0 104.8 98.8 89.3 90.9 89.2	3341123 GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	100.2 100.6 99.3 99.3 99.1 98.1 95.1 94.5 94.5 94.8	102.4 102.4 102.9 101.8 100.6 101.9 100.2 97.1 96.4 96.5 98.9	108.6 108.5 108.1 106.1 106.1 105.8 103.4 104.6 103.6 103.6	106.2 106.4 105.2 103.9 103.3 99.6 98.8 98.7 100.9	90.4 90.2 90.2 90.2 90.8 90.8 90.8 90.8 90.8 90.3 90.3

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	00)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
834567889912345	117.6 115.4 116.6 103.2 1008.9 108.6 103.5 104.2 99.0 93.7	120.4 118.0 119.8 102.9 100.0 109.6 110.6 110.4 105.7 101.7 95.0	119.7 119.5 121.2 101.4 100.0 104.2 105.5 103.4 106.0 102.3 104.3 99.4	114.5 116.4 118.6 103.4 1003.4 110.3 116.6 115.5 114.5 107.9 100.9	114.6 114.1 117.0 103.3 100.3 107.8 103.8 103.8 1003.7 96.3 90.3 92.8 89.2	341123 GQQQQQ341123 33444QQQQQQQ 93555566QQ 936666	102.1 102.9 100.2 97.9 99.0 96.7 93.0 91.6 91.6 91.7	103.5 103.6 104.6 101.9 100.6 98.2 94.3 92.8 93.8 93.8	107.8 107.9 104.4 101.8 103.3 101.6 99.1 97.9 99.1 97.9	109.3 109.4 110.6 108.1 105.8 107.0 104.4 100.1 98.3 98.3 100.2	92.72 92.72 94.6 91.3 94.8 91.3 91.8 887.8 887.8 880.4 91.2

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
8888889999995 8888889999999	116.9 117.3 103.3 109.5 1105.3 1111.1 98.2 98.3	119.9 118.9 120.8 103.1 100.0 110.4 112.7 108.2 113.3 107.3 99.3 99.6	120.5 121.0 122.6 101.6 100.0 104.3 106.5 104.3 107.5 102.7	114.2 1179.9 1103.7 1002.3 119.5 118.6 1174.1 105.5 105.5 97.5	116.7 116.7 119.9 104.4 100.0 108.6 106.8 106.8 97.4 89.4 89.8	994412341123 99440000000000000000000000000000000000	100.8 100.3 101.3 98.9 96.0 97.2 90.2 90.6 89.3 92.3	101.9 101.5 102.6 100.2 97.3 985.2 91.1 91.4 91.2 93.8	1 0 6 . 6 1 0 5 . 8 1 0 6 . 1 1 0 2 . 8 9 9 . 7 1 0 1 . 5 9 9 6 . 1 9 7 . 3 9 6 . 1 9 7 . 4 9 9 . 8	107.4 108.8 106.5 103.6 104.1 96.6 96.6 96.4 999.0	899198899108898318448888888888888888888888888888888

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

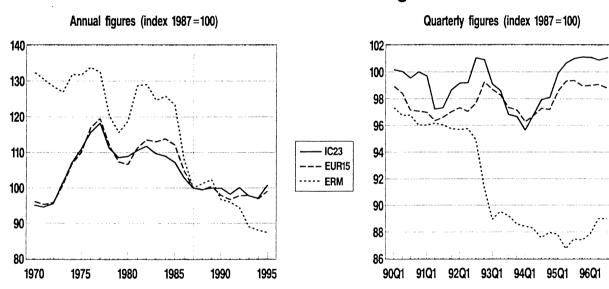
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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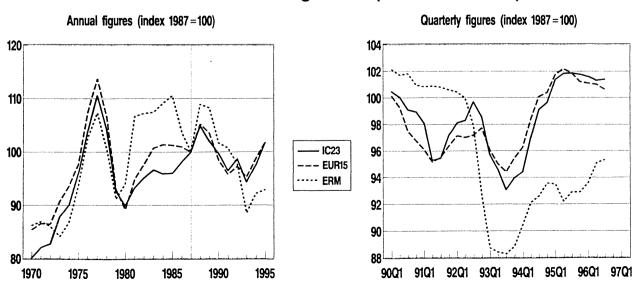
Norway - krone

Nominal Effective Exchange Rate

Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change
Relative to	Relative to	Relative to IC23 EUR15 ERM
83	93Q3 96.8 97.3 89.2 93Q4 96.7 97.2 88.6 94Q1 95.7 96.3 88.4 94Q2 96.8 96.7 88.3 94Q3 97.9 97.3 87.6 95Q1 99.9 98.6 87.8 95Q2 100.7 99.3 86.7 95Q3 101.0 99.3 87.5 95Q4 101.1 98.9 87.4 96Q1 100.9 99.1 89.0 96Q3 101.1 98.8 89.0	SEP95 -0.0 -0.1 0.3 OCT95 0.6 0.1 -0.3 NOV95 -0.3 -0.4 -0.3 DEC95 -0.5 -0.3 -0.1 JAN96 0.1 0.1 0.2 FEB96 0.6 0.6 0.6 MAR96 -0.1 -0.1 0.3 APR96 -0.0 0.1 0.5 JUN96 0.1 -0.2 0.4 JUL96 0.3 0.0 -0.2 AUG96 -0.1 -0.2 -0.6 SEP96 -0.0 0.0 0.7

Nominal Effective Exchange Rate





Norway - krone

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 888889999999	98.5 98.4 98.6 1001.8 1012.2 1018.5 99.3 95.8 96.9	110.2 111.2 109.5 99.5 100.6 101.2 100.3 94.5 94.5 92.4 92.3	126.1 126.9 124.1 102.0 100.0 98.3 103.3 101.3 95.3 95.3 95.3	99.1 97.5 96.6 97.0 102.2 98.6 94.4 89.1 88.3 84.3 84.3	96.6 95.9 96.0 98.1 104.9 102.0 99.6 98.7 94.3 97.5 101.7	93Q4 93Q11 94Q2 94Q3 95Q12 95Q2 95Q2 96Q3	94.2 94.8 992.5 994.6 997.2 997.1 996.3 996.2	91.259 9889.28 899.74 91.22.71 933.45 94.0	91.225527988889.2255279944.3	83.33.20 83.33.20 83.08.16 83.08 83.08 83.08 83.08 83.08 83.08 83.08 83.08 83.08 83.08 83.08	93.1 94.4 97.0 99.1 101.4 101.8 101.8 101.6 101.3

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qua	ırterly	figures	(index	1987=1	00)
	CPI	GDP C	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
3456789012345 888888999999	101.0 102.9 102.4 100.2 100.2 100.9 103.2 100.4 97.5 97.5 96.3 94.1 95.9	113.6 116.1 114.4 101.3 100.3 100.7 102.1 98.5 192.4 92.1 92.1 93.3	130.3 132.3 128.7 103.5 100.0 98.5 104.5 104.5 193.8 93.1 92.3 88.1	102.0 101.7 100.8 98.7 1002.4 99.7 93.0 88.4 86.8 85.2 85.7	100.7 101.4 101.2 100.9 100.9 105.2 103.5 98.4 95.8 97.3 95.2 98.8	93Q4 93Q4 94Q2 94Q3 94Q3 95Q2 95Q3 95Q3 96Q2 96Q3	9553344.5326427 995554	91.7 91.5 89.3 89.4 91.2 91.3 91.3 91.3	92.0 90.9 88.8 88.1 87.7 89.5 90.5 91.5 92.7 92.8	844.71 844.71 844.33 844.33 8459 8559	94.4 95.4 96.3 98.4 100.1 100.8 101.2 101.9 101.1 101.0 100.6

	Annual f	igures	(index	1987=10	0)	Qua	ırterly	figures	(index	1987=1	00)
	CPI	GDP d	leflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
83 84 85 88 89 99 99 99 99 99 99 99 99 99	106.5 109.4 109.6 101.9 100.3 108.0 103.7 103.2 100.8 94.5 92.3 91.7	121.1 124.9 124.0 103.1 1003.4 107.8 101.9 95.6 89.9 89.9 86.7	139.9 143.3 140.1 104.7 100.2 107.8 105.6 93.7 91.0 86.9 88.3	106.9 108.9 109.2 100.8 100.9 106.9 107.9 92.9 85.1	107.5 109.1 110.5 103.8 100.0 108.9 108.3 101.7 100.8 97.7 88.6 92.2 92.9	93Q4 93Q11 94Q3 94Q3 95Q12 955Q3 955Q3 96Q3	94.66 93.05 92.56 92.11 91.70 91.70 92.7	99 0 . 2 88 8 . 3 87 . 5 86 . 7 86 . 7 85 7 . 0 87 . 3 88 9 . 7	91.92 988.50 887.07 866.42 877.31 899.88 992.3	8 4 4 4 3 3 6 8 8 8 3 2 3 3 5 5 5 3 8 8 3 2 3 3 6 6 6 9	88902.0665 992.0993 9932.0995 9932.0995 99355

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

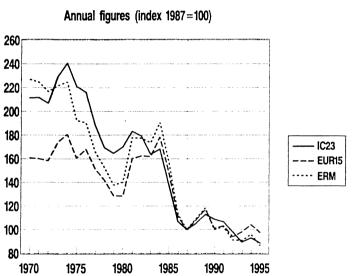
ULCM = Nominal Unit Labour Cost in Manufacturing industry
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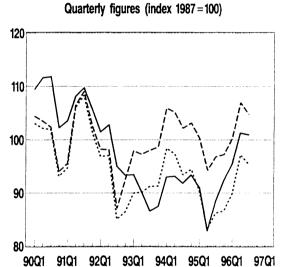
Australia – dollar

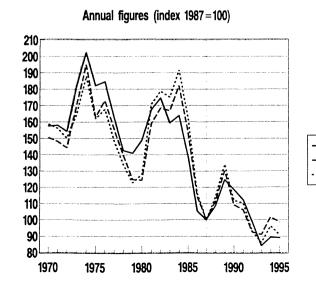
Nominal Effective Exchange Rate

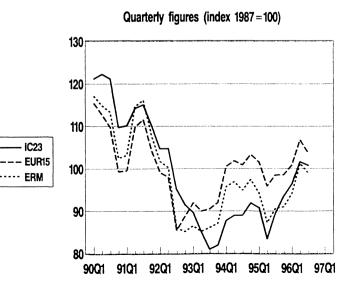
Annual figures index (1987=100)	Quarterly figures index (1987=100)	Monthly figures monthly % change
Relative to	Relative to	Relative to IC23 EUR15 ERM
83 163.9 161.9 173.5 84 168.3 178.3 190.6 85 137.7 147.8 156.7 86 106.9 111.2 113.3 87 100.0 100.0 100.0 88 105.4 108.3 109.4 89 112.9 117.2 118.4 90 108.7 101.0 100.0 91 106.8 103.3 102.5 92 98.0 93.9 91.2 93 89.4 97.9 90.6 94 92.8 104.1 95.9 95 88.6 97.1 86.5	93Q3	SEP95

Nominal Effective Exchange Rate









Australia - dollar

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	Deflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88889999999	143.3 149.1 125.9 103.0 1009.4 119.8 116.8 112.4 92.0 92.3	147.4 152.9 127.9 102.4 100.0 111.0 121.1 115.8 111.6 101.1 91.0 91.5	127.8 135.5 115.5 98.4 100.0 109.7 117.3 109.0 104.3 99.8 91.6 97.3	148.7 156.7 131.7 105.5 100.0 110.5 122.8 115.5 103.9 93.1 96.5 95.0	159.5 163.9 138.8 105.4 1008.8 124.6 118.5 112.4 98.9 84.3 89.4	9344 934023 944023 944001 955003 9560023	890.1 996.2 996.2 994.5 994.5 996.6 1006.4	88.4 894.9 95.2 94.08 95.7 85.4 95.25 105.4	88.55 95.55 96.6.2 99.56 91.67 100.8 1002.7 102.9	89.6.1 96.4 96.6.2 968.9 968.9 968.9 999.3 1007.5	81.0 81.7 89.0 89.0 91.9 80.4 89.5 93.5 101.8

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
8 4 5 6 7 8 9 9 1 2 3 4 5 9 9 9 5	143.3 158.8 134.8 106.9 100.0 112.1 123.7 107.5 107.5 95.4 97.9 102.9	149.5 164.8 138.8 107.0 100.0 113.6 124.6 105.8 93.1 95.2	138.4 152.6 127.1 103.0 100.0 112.2 120.2 120.2 197.9 91.4 90.7 96.7	152.1 168.5 142.5 110.4 100.0 113.2 126.8 109.1 108.7 95.7 97.5 101.6	166.8 182.2 153.0 114.0 100.0 111.9 130.1 109.1 109.1 109.1 110.2 92.6 91.1	933QQ1 933QQ1 944QQ4 955QQ03 955QQ03	97.7 98.7 104.0 104.0 100.8 99.0 93.6 96.2 99.4 104.4	95.0 95.5 102.5 101.8 98.9 97.1 91.2 97.2 97.2	8907700 997753366 99775550 995025 9950999999999999999999999999	97.3 97.9 105.5 105.4 105.7 104.1 98.6 101.7 101.9 104.3 110.3	90 5 90 5 100 9 101 9 103 6 98 5 100 9 100 9 100 9 100 9 100 9 100 9 100 9

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP d	eflator PX	ULCE	ULCM		CPI	d GDP	eflator PX	ULCE	ULCM
3456789012345 8889999999	146.8 163.0 139.5 107.8 100.0 114.6 127.9 110.7 97.9 96.2 100.8	154.4 171.4 144.8 107.8 100.0 116.5 129.6 109.4 195.7 93.4 89.5	144.4 160.1 133.6 103.6 100.0 113.3 122.8 101.7 100.2 92.1 89.8 95.4	155.7 175.1 148.9 111.6 100.0 116.6 134.0 115.8 117.3 100.8 97.1	175.1 191.6 161.8 116.2 100.2 114.3 134.1 111.8 110.3 93.0 86.2 90.8	9344 93401 94402 94402 95502 95504 9602 9603	96.4 103.3 98.3 98.3 95.2 87.3 92.0 95.7	93.8 93.8 101.1 100.1 97.3 93.2 85.2 89.9 93.5 101.3 99.8	99.551399288966.39936002284411	97.4 97.5 105.4 105.0 101.8 104.2 100.9 93.7 97.6 98.1 101.9	86.0 875.7 96.9 94.9 97.4.2 87.3 90.6 91.0 94.1 101.2 98.9

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

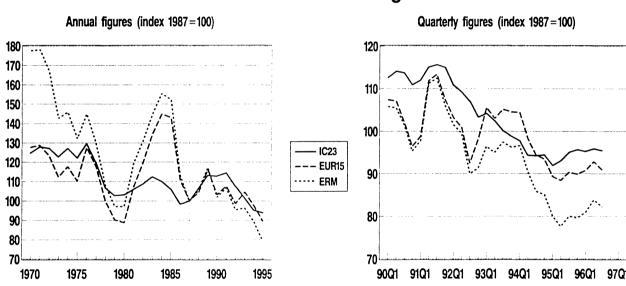
ULCM = Nominal Unit Labour Cost in Manufacturing industry

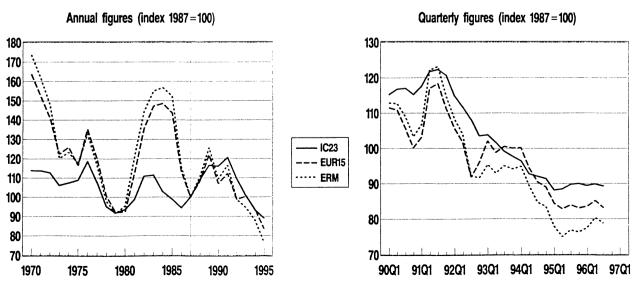
Canada - dollar

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	M o m o	nthly	figure % chan	s g e
	Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	to ERM		Re IC23	lative EUR15	
83456788991123345	112.4 110.0 105.9 98.3 1006.5 113.2 112.8 114.4 107.6 101.4 95.2 93.9	134.6 144.9 143.0 110.8 1004.5 116.2 107.7 98.6 104.5 89.5	144.8 155.5 152.1 113.0 1005.5 1177.3 1016.7 95.4 989.4 79.3	93Q4 93Q4 94Q3 944Q3 955QQ4 955QQ4 96Q3	100.1 98.9 97.8 94.3 94.3 94.4 91.9 95.7 95.7 95.9 95.5	105.1 104.5 104.4 98.2 94.4 93.4 89.3 89.3 89.9 90.7 90.9	97 . 4 96 . 3 96 . 6 90 . 5 85 . 1 80 . 0 77 . 0 79 . 6 80 . 8 82 . 3	SCOVER S S S S S S S S S S S S S S S S S S S	0.9 0.2 -0.3 -1.0 0.5 -0.6 0.8 0.7 -0.7 -0.4 -0.4	1 . 3 -2 . 0 -0 . 7 0 . 2 1 . 0 -0 . 4 1 . 6 0 . 4 -0 . 6 -1 . 5 -1 . 0	1.6 -2.5 -0.7 0.4 1.3 -0.2 1.1 -0.1 -1.8 -1.4

Nominal Effective Exchange Rate





Canada - dollar

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

,	Annual f	igures	(index	1987=10	00)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88888999999	113.5 110.3 105.6 98.7 1006.2 112.9 111.8 114.2 105.6 98.3 89.3	115.6 111.5 105.8 97.3 1007.1 114.2 112.0 104.8 97.4 88.2	111.4 109.5 106.5 98.9 1002.2 107.4 104.5 98.8 99.8 99.8	115.9 111.6 106.1 98.1 100.0 106.6 115.7 118.1 110.1 110.1 92.9 87.6	111.4 102.7 98.9 94.3 1009.0 116.6 116.6 1109.5 100.6 100.6 100.6	93Q3 93Q4 94Q1 94Q2 94Q3 95Q1 95Q2 95Q3 95Q4 96Q2 96Q3	95.4 95.4 90.2 90.2 80.6 90.6 90.6 90.6 90.6 90.6 90.6 90.6 9	94.4 993.3 993.3 899.3 867.5 889.5 889.4	99885.9370969158 998999644666665	100.1 986.7 92.7 92.7 91.7 87.2 87.1 88.2 87.4 87.6	9762215804999999999999999999999999999999999999

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	00)	Qua	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP D	eflator PX	ULCE	ULCM
3456789012345 88888999999	136.3 144.0 140.5 109.8 1005.0 117.3 103.9 96.2 100.3 91.6 83.2	142.5 149.9 144.4 109.5 100.0 105.6 117.6 104.9 93.6 97.2 80.9	138.1 143.7 137.0 109.0 100.0 102.3 110.2 95.8 94.9 88.2 94.7 90.8 83.3	140.6 147.1 142.7 109.9 100.0 105.9 119.2 106.1 110.5 99.2 102.8 84.8	147.2 148.6 143.7 113.3 100.0 108.2 122.1 107.0 112.3 98.7 100.4 93.5 83.5	3341123 344000344123344455550000 93955500000 9395556600	100.7 98.8 92.4 887.2 83.2 83.2 83.4 84.7 83.8	976.49 959.9 866.10 811.16 801.49 81.49 80.9	2534255493090 556618732333454 999888888888888888888888888888888888	103.1 102.4 96.2 92.4 85.6 84.0 84.3 84.7	100.6 1000.3 94.4 90.5 84.4 84.6 84.1 83.6 85.1

A	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP d	leflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
8345688899123445	140.0 149.0 145.8 110.0 107.4 121.1 106.4 112.4 98.3 89.5	147.6 156.5 151.3 110.5 100.0 108.0 122.2 106.0 95.0 95.0 86.7	144.8 151.4 144.7 109.7 100.0 112.5 97.3 97.3 880.8	144.3 153.3 149.6 111.2 100.0 109.1 126.0 112.7 119.2 104.4 102.0 94.1	155.0 156.8 152.5 115.6 100.0 110.6 125.7 109.4 116.5 98.7 94.4 88.0	9304 93001 94002 94004 955003 955001 95600 9660	97.3 97.3 97.3 985.7 84.8 777.8 87.7 79.8 80.5 81.6	96.04 94.3 88.35 877.5.1 776.9 780.6	95.2 94.87 995.3 86.2 81.1 81.3 82.2 853.4	102.9 101.6 102.6 95.6 90.3 882.7 79.5 81.8 82.1 85.6	95 995 995 9894 7766 7767 877

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Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

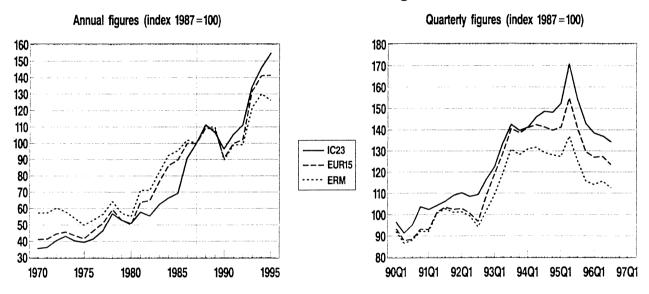
ULCM = Nominal Unit Labour Cost in Manufacturing industry
```

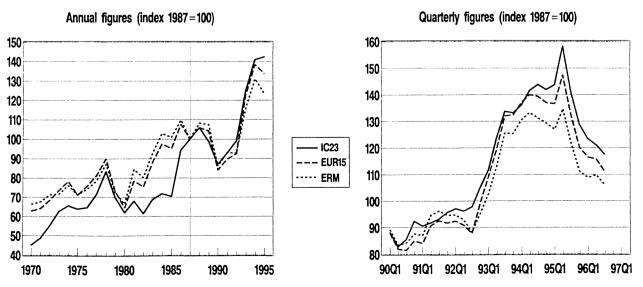
Japan - yen

Nominal Effective Exchange Rate

A i n	nnual dex (1	figure 987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	Mo mo	n t h l y n t h l y	figure % chan	s g e
-	Rel C23	ative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	t o ERM
84 85 86 87 1 89 91 1 92 1 92 1 1 94	11.3 06.6 96.5 05.4 11.1 34.3 45.9	76.2 86.2 89.6 99.9 100.0 109.2 108.6 99.9 131.5 141.1	82.1 92.5 95.4 101.9 100.3 109.7 89.0 99.1 121.6 130.0 126.1	9344123 944Q34 944Q39 955QQ41 9556QQ3 966Q3	1 4 2 . 5 1 3 9 . 7 1 4 1 . 2 1 4 5 . 9 1 4 8 . 2 1 5 2 . 4 1 7 0 . 7 1 5 4 . 1 1 4 2 . 7 1 3 7 . 1 1 3 4 . 4	140.5 138.5 141.0 142.4 141.3 139.8 141.2 154.6 129.5 126.9 127.4 123.5	130.7 128.1 131.0 131.8 129.2 128.1 127.3 137.0 125.5 115.7 114.0 115.8	SECTION 10 10 10 10 10 10 10 10 10 10 10 10 10	-5.5 -1.8 -0.8 -3.2 -0.2 -0.2 -0.8 1.4 -2.5 -0.9 -1.5	-4.9 -2.7 -1.3 1.4 -2.7 0.2 -0.1 2.1 -3.1 -1.6 0.4 -1.0	-4.6 -3.2 -1.3 1.7 -2.5 0.4 0.2 2.7 -2.8 0.1

Nominal Effective Exchange Rate





Japan - yen

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

-	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
3456789012345 88888999999	71.0 73.4 74.4 94.7 100.0 106.8 99.3 87.8 97.3 115.6 122.6	70.4 73.0 73.9 94.7 100.0 99.5 88.0 98.2 116.3 123.3	83.4 84.5 84.0 97.5 100.0 99.4 99.4 96.0 106.0 109.0	74.0 75.3 75.0 95.3 100.0 98.2 85.8 94.4 1122.0 126.0	68.9 71.8 70.5 94.3 1005.9 99.0 87.1 99.0 125.2 140.9	341123 34002341123 99444000000 99999999999999999999999999	122.0 119.2 119.9 123.2 124.5 125.2 125.2 134.3 114.2 109.3 105.6	122.9 120.7 123.9 125.6 125.9 139.6 124.8 1108.9 108.9	111.0 107.7 108.0 110.4 110.4 1107.4 107.8 118.3 99.3 99.3 97.2 99.4	119.4 117.2 118.4 122.3 124.2 123.1 125.8 139.8 139.0 114.7 1108.2	133.7 133.1 136.2 141.6 143.9 143.8 158.7 128.6 123.4 121.1

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

,	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
8345 845 867 889 991 993 994 995	84.5 92.6 93.8 102.4 100.0 106.3 103.3 91.0 91.2 114.7 120.5	85.7 94.2 95.2 103.3 106.0 106.0 102.9 90.4 90.6 113.5 116.0	100.3 105.9 102.7 104.6 100.0 104.5 102.2 85.0 88.4 101.2 97.3	88.9 95.7 95.6 103.7 105.3 102.4 88.6 88.4 1122.0 120.9	88.3 97.5 95.1 107.6 100.0 105.9 104.2 84.0 89.7 92.5 122.5 138.3 133.7	9344 93401 9344023 944001 955003 956002 9603	122.2 119.9 121.5 122.0 120.3 118.1 118.3 128.7 116.0 106.6 103.6 100.1	121.0 118.8 120.4 121.0 119.3 117.2 117.4 115.0 105.2 102.4 98.9	106.7 103.9 105.1 105.3 102.7 98.5 106.0 89.3 89.3 89.4 90.6	119.9 118.6 121.4 122.1 122.1 122.0 121.0 121.0 120.1 109.8 106.4 102.4	131.9 132.3 137.0 140.3 137.0 136.5 132.1 120.2 116.8 111.2

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

	Annual f	igures	(index	1987=10	0)	Qua	arterly	figures	(index	1987=1	00)
	CPI	d GDP	eflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
3456789012345 888888999999	86.8 95.4 103.3 1008.7 106.8 86.8 94.8 93.5 112.7 111.9	88.7 98.3 99.7 104.2 100.0 108.7 107.0 86.7 94.7 93.0 111.5 117.0 110.7	105.1 111.5 108.4 105.3 100.0 105.5 104.3 86.9 100.5 88.9 100.5 92.0	91.3 99.8 100.2 104.9 1008.6 108.3 87.6 93.0 111.9 121.1	92.9 102.9 100.9 109.8 100.0 108.2 107.4 86.0 93.0 92.8 116.2 131.1 123.3	344123 GQQQQQQQQ 33QQQQQQQQQ 93444QQQQQQQQ 93555566QQ 93999999999999999999999999999999999	120.9 117.9 120.0 120.1 117.1 115.3 113.9 121.8 99.9	119.5 116.7 118.8 119.0 116.1 114.3 112.8 120.5 109.7 100.6 98.0 96.9	106.7 103.3 104.6 104.2 100.8 98.2 96.1 102.8 87.4 87.6 99.1	120.1 118.1 121.4 122.8 120.7 119.5 118.4 126.8 115.6 106.0 103.9 105.7	1 2 5 . 5 3 1 3 3 0 . 5 2 1 3 3 3 . 2 2 1 3 2 7 . 0 6 1 3 4 1 6 8 1 1 1 1 . 2 2 1 0 8 . 8 9 1 0 6 . 2

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

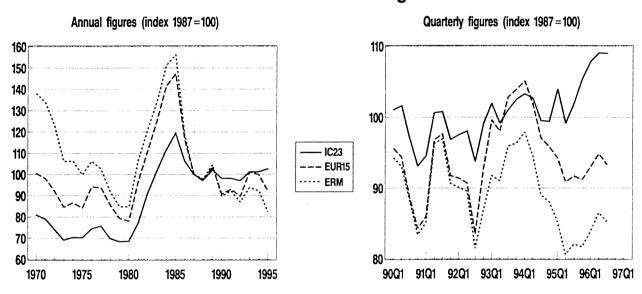
ULCM = Nominal Unit Labour Cost in Manufacturing industry

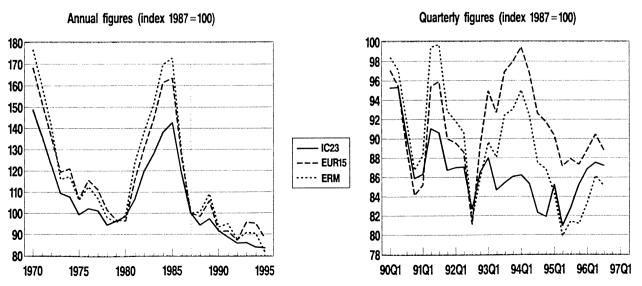
United States - dollar

Nominal Effective Exchange Rate

	Annual index (figure 1987=10	s 0)	Q	uarterl index (y figur 1987=10	e s 0)	M o m o	n t h l y n t h l y	figure % chan	s g e
	Re IC23	lative EUR15	to ERM		Re IC23	lative EUR15	t o ERM		Re IC23	lative EUR15	
8456789912345 88889999999	101 6 111 7 119 5 106 1 100 1 97 3 102 1 98 2 97 1 101 2 101 2	125.1 141.5 147.2 116.1 100.9 96.9 103.6 90.9 89.5 101.1 99.9 92.9	134.3 156.2 118.3 107.9 104.7 892.1 86.9 932.3 82.4	93Q4 93Q4 94Q2 94Q3 94Q01 95QQ3 95QQ1 96Q3	101.0 102.5 103.3 102.7 99.4 104.0 99.2 101.9 105.4 107.1 109.0	102.8 103.9 105.1 101.9 97.1 95.9 94.3 901.7 91.2 93.3	956.9 956.9 956.9 956.0 966.0 956.0 956.0 956.0 956.0 956.0 956.0 956.0 956.0 956.0 956.0	SECTOR S C C C C C C C C C C C C C C C C C C	1 . 9 -0 . 3 1 . 7 0 . 9 0 . 9 0 . 3 0 . 5 0 . 5 0 . 4 -0 . 3 -0 . 7	1.0 -2.3 -0.2 1.3 0.8 0.3 0.4 1.1 1.2 -0.7 -1.3 -0.8	1.3 -2.8 -0.2 1.6 1.1 0.5 0.7 1.9 -0.3 -1.5

Nominal Effective Exchange Rate





United States - dollar

Real Effective Exchange Rate relative to 23 Industrial Countries (IC23)

	Annual f	igures	(index	1987=10	0)	Qua	rterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
3456789012345 888888999999	118.8 125.8 130.1 1100.7 1004.0 97.8 93.3 91.6 92.4 91.4	119.7 127.5 132.2 112.1 1003.6 96.9 91.8 90.3 88.1 90.8 89.5	1121.5 122.5 109.5 109.0 99.6 994.5 992.2 93.4 983.3	115.3 129.3 110.6 100.0 97.4 92.2 90.5 90.5 90.5	127.9 138.1 142.7 118.6 100.3 97.2 91.6 85.8 86.0 83.6	93Q1 93Q1 94Q2 94Q2 95Q2 95Q2 95Q2 95Q2 96Q2	934.1 994.1 994.2 999.7 999.6 999.6 994.0	9122.837862963 9122.837862963	93.12 94.55 93.57 89.10 85.70 891.8 91.8	991.2.2.960 991.2.2.960 992.3.960 993.00 993.00 9956.09	8566521512539 88521512539 885677

Real Effective Exchange Rate relative to the European Union as a whole (EUR15)

	Annual f	igures	(index	1987=10	0)	Qu	arterly	figures	(index	1987=1	00)
	CPI	GDP D	eflator PX	ULCE	ULCM		CPI	GDP	eflator PX	ULCE	ULCM
834588588999129345	128.5 142.4 146.2 114.9 100.0 97.6 104.7 923.3 88.9 997.4 89.4	1 3 2 . 5 1 4 7 . 4 1 5 0 . 8 1 1 6 . 5 1 0 0 3 . 5 9 0 . 0 8 6 . 5 9 6 . 1 8 7 . 5	131.3 141.2 138.3 113.3 100.6 103.3 902.2 86.9 931.1 83.6	128.7 143.0 147.7 115.7 100.0 98.3 104.5 902.1 87.6 98.5 992.7	144.2 161.4 163.6 126.2 100.0 98.4 105.9 91.3 91.5 87.1 95.1 88.2	93441 93401 93402 94400 955003 955001 956003 9603	100.8 101.6 102.7 99.3 94.5 91.6 88.3 89.1 88.7 90.5 91.1	98.0 99.0 100.1 97.0 92.4 91.3 89.7 86.7 86.7 88.3 90.0 88.5	9449995295375399529887753995887888888888888888888888888888	100.2 101.7 103.5 100.9 96.7 95.9 94.7 92.6 92.3 94.3 94.8	98.59 999.59 991.7 997.4 997.3 997.3 887.3 880.8 880.8

Real Effective Exchange Rate relative to the countries in the Exchange Rate Mechanism (ERM)

	Annual f	igures	(index	1987=10	00)	Qu	arterly	figures	(index	1987=1	00)
	СРІ	GDP d	leflator PX	ULCE	ULCM		CPI	GDP d	eflator PX	ULCE	ULCM
83 845 867 889 91 923 934 95	132.0 147.2 151.6 115.8 100.8 108.2 94.4 97.1 91.1 95.6 85.6	137.1 157.7 157.7 117.4 100.0 99.4 107.6 93.0 88.9 94.9 94.3 88.9	137.3 148.6 145.6 114.0 100.5 105.4 91.7 94.2 87.4 92.6 81.4	132.8 148.5 116.9 100.3 110.5 99.2 98.4 98.4 98.6	151.3 169.8 172.9 128.5 100.6 109.2 93.4 94.9 87.4 90.8 90.4 81.7	93Q4 93Q4 94Q2 94Q2 94Q01 955Q3 955Q4 96Q2 96Q3	99.9 1001.5 97.9 92.2 88.4 83.4 85.1 87.5 89.4	97.4 97.9 98.6 99.0 98.6 99.0 98.6 86.4 88.3 88.5 88.6 98.6	94.5 94.4 95.0 86.0 83.7 99.3 81.1 83.3 84.5	100.6 101.5 103.8 101.0 95.6 94.2 87.5 89.3 92.4 89.3	935276499586499884218865

Abbreviations: IC23 = 23 Industrial Countries

EUR15 = 15 Member States of the European Union

ERM = Countries in the Exchange Rate Mechanism

CPI = Consumer Price Index

GDP = Gross Domestic Product Deflator

PX = Price Deflator Exports of Goods and Services

ULCE = Nominal Unit Labour Cost in total Economy

ULCM = Nominal Unit Labour Cost in Manufacturing industry

Table A1: Bilateral exchange rate of the US dollar against the EU currencies

(Price of one US dollar in terms of the currencies of each of the countries indicated)

Annual figures (period average)

Year	BLEU	ρχ	۵	GR	ш	щ	IRL	_	N N	∢	۵	S H	s	UK	ECU
	00046000000000000000000000000000000000	0008000 000000000000000000000000000000	22221	######################################	10000000000000000000000000000000000000	C @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	00000000000000000000000000000000000000	04080000000000000000000000000000000000	200233333 0002343030 0002440030 000244400 00024400 0002400 00024	7-04-04-04-04-04-04-04-04-04-04-04-04-04-	00-00000000000000000000000000000000000	© № ® № 4 4 4 4 4 0 № 4 © 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	00000000000000000000000000000000000000	######################################

Quarterly figures (period average)

ECU	00.8870 00.8870 00.88890 00.88815 00.7581 00.7581 00.7592 00.7
a K	00000000000000000000000000000000000000
v	88887777778888 00008807777778 100088079 100088079 100088079 10008899 10008899 10008899 10008899 10008899 10008899 10008899 10008899 100088 100088 1000889 1000889 1000
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۵	00000000000000000000000000000000000000
A A	0440000+12000000000000000000000000000000
NL	######################################
-	######################################
IRL	00000000000000000000000000000000000000
ட	\$0.00.00.00.00.00.00.00.00.00.00.00.00.0
ш	00004000000000000000000000000000000000
GR	00000000000000000000000000000000000000
۵	00000000000000000000000000000000000000
οχ	© © © © © © © © © © © © © © © © © © ©
BLEU	00000000000000000000000000000000000000
ot r	00000000000000 0044440000000 000000000

Monthly figures (period average)

			1-6												
Month	всео	DΚ	0	GR	ш	ш	IRL	-	NL	4	۵.	SF	ဟ	ž	ECU
	64444444444444444444444444444444444444	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	7	20222222222222222222222222222222222222	22222222 222222222 22222222 2222222 2222	\$444\$\text{Representation}\$	00000000000000000000000000000000000000	00000000000000000000000000000000000000	0.11 0.11 0.11 0.11 0.11 0.11 0.11 0.11	00 00 00 00 00 00 00 00 00 00 00 00 00	######################################	44444444444 6	7.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000000000000000000000000000000000000	00000000000000000000000000000000000000

Table A2: Bilateral exchange rate of the US dollar against the non-EU currencies (Price of one US dollar in terms of the currencies of each of the countries indicated)

Annual figures (period average)

Year	AUS	CND	٠,	X	N 2	z	CH	TR
00000000000000000000000000000000000000	08000//4-4-0/0		00004-1000 0000040000 0000040000 000004-000	000012222226666666666666666666666666666	04+00000000000000000000000000000000000	7887999997779	0.0211111111111111111111111111111111111	44000000000000000000000000000000000000

Quarterly figures (period average)

		THE RESIDENCE AND PERSONS ASSESSMENT AND PERSONS ASSESSMENT AND PERSONS ASSESSMENT AND PERSONS ASSESSMENT ASSE	Man Administration Property of Special Street				AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM	THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN
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00000000000000000000000000000000000000	40440000000000000000000000000000000000		00000000000000000000000000000000000000	66666666677777777777777777777777777777	8877999458444 8877999448444 1-803909612884	//// 000000000000000000000000000000000	74446001	

Montnly 1	ngures (pe	(period ave	average)					
Month	AUS	CND	7	W	NZ	z	CH	TR
	000084100011		4 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	00077777777777777777777777777777777777		CONTRACTOR CONTRACTOR CONTRACTOR CONTR	00044000040000	88 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Table A3: Bilateral exchange rate of the US dollar against the EU currencies (index 1987=100)

Annual figures

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Yеаг	BLEU	2	۵	e S	ш	ш	_ _ _	_	N N	∢	۵.	n.	ဟ	ž	ECU.
1983	136.8	133	1 4	64.8	116.1	126.6	119.4	117.0		142.0	78.2	126.6	121.0	108.0	129.6
1984	154.6	151	15	82.9	130.3	145.2	137.1	135.3		158.1	104.2	136.5	130.4	122.8	146.4
1985	158.5	- 5	163.2	102.0	137.8	149.0	140.1	147.0	163.4	163.1	121.5	140.7	135.5	126.9	151.9
1986	119.5	1 1 8	12	103.3	113.5	115.2	110.9	114.8		120.6	106.1	115.4	112.3	111.7	117.4
1987	100.0	100	-	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
1988	98.4	86	6	104.7	94.4	0.66	97.6	100.3		9.76	102.0	95.2	9.96	92.0	97.5
1989	105.5	106	-	119.9	96.0	106.1	104.9	105.8		104.7	111.7	9.76	101.7	100.0	104.7
1990	89.4	06	ω	117.0	82.8	90.2	8 6 8	92.4		6.68	101.1	87.0	93.4	91.9	2.06
6	91.4	93	6	134.4	84.2	93.8	92.3	92.6		92.3	102.4	92.0	95.3	92.7	93.5
6	86.1	88	80	140.7	82.9	88.0	87.4	94.9		86.9	95.7	101.9	91.7	93.0	89.1
1993	92.8	9	6	169.2	103.0	94.2	101.5	121.2		92.1	113.8	130.1	122.7	109.0	98.4
6	89.5	6	0	179.1	108.6	92.3	99.4	124.4		90.3	117.7	118.7	121.7	106.9	97.2
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Monthly figures

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Table A4: Bilateral exchange rate of the US dollar against the non-EU currencies

index 1987 = 100

Annual figures (period average)

ТВ	249464 64464 6
СН	0.000000000000000000000000000000000000
z	00000000000000000000000000000000000000
NZ	### ##################################
×	### ##################################
7	444800800088770 444800800088700000000000
CND	00000000000000000000000000000000000000
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Year	00000000000000 0000000000000 000000000

Quarterly figures (period average)

			-			-	
AUS	CND	7	×	NZ	z	T O	T.R
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Monthly figures (period average)

Month	AUS	CND	~	×	ZN	z	CH	E E
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OCT95	92.5	101.5	8.69	500.1	6.68	92.7	6.97	5859
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·	4	က	0	70	<u>, .</u>	4	ω	63
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В	6	က	4	56	9	2	0	95
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Table B: Nominal Effective Exchange Rate Relative to 23 Industrial Countries (IC23)

Annual fiç	nnual figures (index 1987 = 100)	= 1987 =	100)															
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Table C1: Consumer Price Index (CPI)

Annual figures (index 1987 = 100): In national currency relative to 23 Industrial countries (IC23)

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GR	660 677 875 875 100 100 111 118 118 115 115 118 118 118 118 118
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Year	0.000000000000000000000000000000000000

Table C2: Real Effective Exchange Rate based on CPI

Annual figures (index 1987 = 100): relative to 23 industrial countries (IC23)

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d b	r BLEU		DΚ	۵	GR	ш	ட	I.B.L	-	N N	∢	۵.	SF	တ	ž	ERM	EUR15	USA	
1983			18.4	95.7	112.8	87.9	92.9	96.4	87.4	7.76	91.1	94.9	93.2	91.6	109.2	89.8	87.4	118.8	
1984			36.5	91.3	108.3		9.06	94.7	88.3	93.4	6.06	95.9	96.4	95.2	103.9	85.1	81.1	125.8	
198			37.6	88.8	103.3		92.8	96.4	88.0	91.9	8.06	97.2	0.86	97.1	104.8	84.5	80.8	130.1	
1986			74.5	0 . 96	98.4		9.86	102.6	96.3	97.7	97.4	100.9	98.3	98.8	99.5	95.0	92.7	110.7	
198		_	0.00	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	
1988			38.5	97.3	103.2		97.0	98.6	99.5	97.1	98.3	101.7	102.5	102.3	107.8	95.9	986	94.0	
1986		96.5	95.8	94.6	103.7		94.4	97.0	102.2	93.2	96.1	105.5	106.4	105.0	105.8	92.3	94.9	97.8	
199(_	9.00	97.5	108.7		98.3	100.1	107.4	94.8	98.3	111.3	109.3	108.7	105.8	98.4	106.0	93.3	
199			96.4	95.8	110.5		94.8	96.8	108.2	93.0	96.6	118.9	105.6	114.4	109.9	94.8	103.7	91.6	
1997			37.5	99.1	113.3		9.6	98.8	107.1	94.7	98.9	131.8	92.8	114.5	107.3	99.4	107.8	89.6	
199			37.3	102.6	114.6		97.9	92.1	91.6	97.0	101.8	127.7	81.1	92.6	98.8	101.4	95.7	92.4	
1994			96.9	103.8	116.1		98.5	92.7	90.0	97.5	102.7	125.0	87.0	95.5	99.2	102.4	9.96	91.8	
100		_	31.3	109.3	120.1		101.4	92.7	84.9	100.2	106.3	129.6	94.4	0.96	95.7	110.0	101	90.4	

Quarterly figures (index 1987=100): relative to 23 industrial countries (IC23)

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Table D1: GDP deflator

Annual figures (index 1987=100): in national currency relative to 23 industrial countries (IC23)

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Table D2: Real Effective Exchange Rate based on GDP deflator

Annual figures (index 1987 = 100): relative to 23 industrial countries (IC23)

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7	7 7 7 8 8 8 8 8 8 8 9 7 7 7 9 8 8 8 8 8
USA	74444 74
EUR15	87790000000 48870000000000000000000000000000
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Quarterly floures (index 1987=100); relative to 23 industrial countries (IC23)

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	0000 0000 0000	10000		001 1004 109 7.09	00000 00000 00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	84051	997.0	00000	1333 1333 135 105 105 105 105 105 105 105 105 105 10	80000 80004 8000-	000000 21-820 46800	101 100 100 100 100 100 100 100 100 100	11209 11209 11209 1409	1000	80 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.
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Table E1: Price Deflator Exports of Goods and Services

Annual figures (index 1987 = 100): in national currency relative to 23 industrial countries (IC23)

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	7	20101 20101
	USA	10000 100000 100000 100000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 100000 100000 1000000 100000 100000 100000 10000000 100000000
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Table E2: Real Effective Exchange Rate based on Export Price Deflator

Annual figures (index 1987 = 100): relative to 23 industrial countries (IC23)

7	88888888888888888888888888888888888888
USA	######################################
EUR15	87.89.00 28.00 28.00 28.00 20.00 87.
ERM	8888 41986 600 700 700 700 700 700 700 700 700 70
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SF	00000000000000000000000000000000000000
С.	2487008000000000000000000000000000000000
∢	8888 8888 8887 9887 9080
NL	00000000000000000000000000000000000000
_	00000000000000000000000000000000000000
IRL	00000000000000000000000000000000000000
LL	00000000000000000000000000000000000000
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GR	20000000000000000000000000000000000000
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DK	00000000000000000000000000000000000000
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Yеаг В	0.000000000000000000000000000000000000

Quarterly figures (index 1987=100): relative to 23 industrial countries (IC23)

101.9 97.5 105.2 100.3 100.1 95.8 92.7 97.5 95.6 103.9 114.9 86.9 88.0 100.8 100.8 93.1 11.0 11.9 97.5 105.2 100.1 100.5 98.9 94.1 94.0 11.5 100.8 100.8 93.1 11.0 11.0 11.0 11.0 11.0 11.0 11.0 1		vorus) comen fuccion							(
303 101.9 97.5 105.2 100.3 100.1 95.8 92.7 97.5 95.6 103.9 114.9 86.9 89.7 108.6 100.8 100.8 93.1 111.9 100.5 97.5 105.2 100.1 100.5 96.3 104.6 115.0 88.0 88.0 100.8 93.1 111.0 100.5 96.3 104.6 115.0 88.0 88.6 108.5 100.8 94.2 100.8 95.2 104.6 115.9 91.0 91.7 100.8 101.0 91.2 91.2 100.8 95.2 104.6 115.9 91.0 91.7 100.8 101.0 91.2 91.7 100.8 100.8 95.2 107.6 101.4 105.0 91.7 100.8 1	atr	вгел	DK	۵	GR	ш	LL.		-	NL	∢	o.	SF	တ	מצ	ERM	EUR15	USA	7
6Q3 104.6 100.9 107.2 105.1 106.1 101.5 95.8 100.8 96.9 104.7 119.0 104.3 100.1 105.6 106.9 111.0 81.6 9	00000000000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	00010100000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	99999888 5000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©	00000000000000000000000000000000000000	0000474870040		0886 0886 0886 0846 0947 0046 0046 0046 0046 0046 0046 0046 00	00000000000000000000000000000000000000	00000000 001-4-000000 8000000004	00000000000000000000000000000000000000	00000000000000000000000000000000000000	11111111111111111111111111111111111111

Table F1: Unit Labour Costs in Economy as a whole (ULCE)

Annual figures (index 1987=100): in national currency relative to 23 industrial countries (IC23)

Yеаг	BLEU	Σ	۵	R	ш	щ	- BL		N N	⋖	۵	S	S	UK	ERM	EUR15	USA	7
0.000.000.000.00 0.000.000.000.00 0.000.000.000 0.000.000 0.000.000 0.000.000 0.000.000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	6 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	00000000000000000000000000000000000000	00000000000000000000000000000000000000	20000000000000000000000000000000000000	0.0400074-F21	10011 10011 100000 100000 10000 100000 100	7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	0.000000000000000000000000000000000000	00000000000000000000000000000000000000	00000000000000000000000000000000000000	11111111111111111111111111111111111111	1001 1002 1002 1002 1002 1002 1002 1002	20000000000000000000000000000000000000	20000000000000000000000000000000000000	

Table F2: Real Effective Exchange Rate based on ULCE

Annual figures (index 1987=100): relative to 23 industrial countries (IC23)

	BLEU	ο¥	۵	GR	ш	ш	IRL	_	N N	∢	۵	SF	S	S S	ERM	EUR15	USA	7
1983	6.06	87.6	90.3	123.3	1 -	96.4	99.1	89.3	100.8	88.7	98.0	88.6	91.6	105.8	88.8	85.6	115.3	7
1984	90.1	84.3	86.4	120.5		94.2	92.6	89.8	93.4	88.4	95.5	94.1	94.5	104.1	83.3	79.9	123.6	7
1985	91.8	84.8	84.7	118.3		95.8	96.0	89.2	90.5	88.8	97.2	97.5	96.8	105.7	82.6	7 8 . 7	129.3	7
1986	98.1	91.2	94.1	101.9		100.3	103.8	96.2	96.4	9.96	100.2	98.2	6.66	99.2	94.2	91.8	110.6	9 5
1987	100.0	100	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	100.0	100
1988	8 .0	98.	9.96	105.8		95.5	97.7	6.66	97.2	6.96	101.1	103.0	103.5	109.8	94.4	0.86	95.0	10
1989	4.60	94	92.0	112.5		91.6	93.1	102.4	91.1	94.9	104.4	107.4	110.7	112.3	88.0	93.1	97.4	õ
066	80	97.7	93.0	121.5		94.9	94.0	110.0	91.1	95.8	113.5	112.3	115.1	116.6	92.1	104.7	92.2	æ
1661	66	92.8	0.06	111.3		91.3	6.68	111.6	89.2	95.4	130.9	110.8	116.5	120.5	88.2	100.8	90.5	9
1992	101.7	95.0	94.5	108.6		93.1	91.4	108.9	91.3	98.0	138.8	92.1	115.5	116.8	93.9	104.9	87.8	6
1000	104.1	95.1	986	111.1		96.1	88.0	906	94.7	102.1	137.5	74.8	93.5	105.0	97.9	92.8	90.2	112
1994	107.9	94.0	98.3	117.5		96.3	86.8	88.3	95.2	107.0	141.5	79.2	94.3	105.2	98.0	91.5	7.06	122
1000	112.4	99.5	103.8	125.1		66	81.7	78.6	99.5	111.0	145.6	87.7	94.2	100.4	105.4	94.8	6.06	126.0

Quarterly figures (index 1987 = 100): relative to 23 industrial countries (IC23)

7	4246246888468884
USA	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
EUR15	00000000000000000000000000000000000000
ERM	0.000000000000000000000000000000000000
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