

17.12.1982

LABOUR COSTS IN INDUSTRY

1981 Updating ¹⁾

Table 1 - Annual change (in %) of average hourly labour costs

	Total manufacturing industry					Manual + non-manual workers				
	D	F	I	NL	B	L	UK	IRL	DK	
	<u>1981/1980</u>									
- in national currencies	+ 5	+ 14	+ 23	+ 4	+ 8	+ 4	+ 12	+ 18	+ 15	
- in ECU	+ 5	+ 11	+ 16	+ 3	+ 6	+ 2	+ 21	+ 16	+ 13	
	<u>1981/1975 (annual averages)</u>									
- in national currencies	+ 7	+ 15	+ 13	+ 7	+ 10	+ 3	+ 15	+ 13	+ 12	
- in ECU	+ 10	+ 12	+ 10	+ 9	+ 12	+ 10	+ 15	+ 14	+ 10	

From 1980 to 1981, increases in average hourly labour costs expressed in national currencies showed marked differences between Member States. As can be seen in table 1, annual rises varied from 4% (NL and L) to 23% (I) with four countries (D, NL, B, L) recording rates below 10%. Compared to the previous annual period (1980/1979) the increases in hourly costs were higher in two countries only (I and DK) while there was a slowdown in the other countries, in particular in the United Kingdom and in Luxembourg.

Compared to the annual average increases since 1975, rises of hourly labour costs between 1980 and 1981 were considerably less pronounced in most Member States, except in Italy, Ireland and Denmark.

Trends of average hourly labour costs, expressed in European currency units (ECU), also shown in table 1, reveal that disparities between Member States of changes during the last six year period (1975-1981) were considerably less marked than was the case for data expressed in national currencies (annual average increases in labour costs ranged from 9% (NL) to 15% (UK) when compiled in ECU but from 7% (D and NL) to 13% (I and IRL) when expressed in national currencies). The situation was very different for the year under review, however, when increases varied between 2% in Luxembourg and 21% in the United Kingdom.

1) See explanatory note on page 3.

The larger spread of these annual rises in average labour costs is mainly attributable to international monetary fluctuations (changes in the ECU rates) during the period 1980-1981 which were strongest in the United Kingdom, Italy and France.

It should also be noted that, compared to the pattern of annual increases during the six-year period, four countries (UK, I, IRL, DK) registered faster rises from 1980 to 1981 while there was a slowdown, in some cases even rather pronounced, in the other countries (D: 5%/10%; NL: 3%/9%; B: 6%/12%; L: 2%/10%).

Table 2 - Average hourly labour costs 1975-1981

Total manufacturing industry		Manual + non-manual workers								
		D	F	I	NL	B	L	UK	IRL	DK
a) in national currencies										
		<u>DM</u>	<u>FF</u>	<u>LIT</u>	<u>HFL</u>	<u>BFR</u>	<u>LFR</u>	<u>UKL</u>	<u>IRL</u>	<u>DKR</u>
	1975	17,54	24,95	3 450	20,24	268	270	1,66	1,49	40,90
	1978	21,76	37,38	5 403	25,22	374	367	2,51	2,49	55,21
	1979	23,00	42,80	6 310	27,10	406	382	2,80	2,80	65,20
	1980	24,70	49,20	7 500	28,40	442	416	3,40	3,40	72,40
	1981	25,90	56,30	9 210	29,50	479	433	3,80	4,10	79,50
IV	1981	25,40	54,40	8 850	29,10	476	432	:	:	77,70
X	1981	26,30	58,10	9 570	30,10	482	434	:	4,20	81,30
b) in ECU (1)										
	1975	5,75	4,69	4,26	6,46	5,89	5,93	2,95	2,66	5,74
	1978	8,51	6,51	5,00	9,16	9,34	9,16	3,78	3,75	7,87
	1979	9,20	7,30	5,50	9,30	10,10	9,50	4,40	4,10	9,10
	1980	9,30	8,40	6,30	10,30	10,90	10,30	5,70	5,10	9,30
	1981	10,30	9,30	7,30	10,60	11,60	10,50	6,90	5,90	10,00
IV	1981	10,00	9,10	7,00	10,40	11,50	10,40	:	:	9,70
X	1981	10,80	9,50	7,40	11,20	11,30	10,60	:	6,10	10,40
c) in PPS (1)										
	1975	4,89	4,21	5,52	5,83	5,20	5,85	3,69	3,37	4,53
	1978	7,13	6,29	7,09	7,83	7,95	8,67	5,05	4,96	6,22
	1979	7,90	7,10	7,80	8,80	9,00	9,20	5,40	5,40	7,40
	1980	9,00	8,10	8,60	9,70	10,50	10,40	6,00	6,50	8,50
	1981	10,00	9,10	9,80	10,50	11,90	11,30	6,60	7,10	9,30
IV	1981	9,30	8,80	9,40	10,30	11,80	11,30	:	:	9,10
X	1981	10,10	9,40	10,20	10,70	11,90	11,40	:	7,30	9,50

(1) See explanatory note on page 3

Comparing the levels of hourly costs expressed in ECU (table 2 b), it is found that in spite of the large disparity of the percentage increases between 1980 and 1981 which has been pointed out above the ranking of the countries has remained unchanged in 1981, as follows: the Benelux countries are found on top of the scale (countries with the highest costs), followed in decreasing order

by Germany, Denmark, France, Italy, the United Kingdom and Ireland. Since 1978 Belgium has occupied the first rank; thus in 1981 Belgian average hourly labour costs exceeded those in the Netherlands by 9%, those in Germany by 13% and those in France by 25%, to mention only Belgium's most important partners in foreign trade.

Expressed in PPS labour cost data may be used for more general comparisons between countries, taking account of the relative purchasing power (table 2 c). In 1981, the highest costs are again recorded for the Benelux countries with Belgium on top while labour costs are lowest in the United Kingdom (about 45% lower than in Belgium). Compared to 1980 there has been no change in Member countries' ranking of labour cost levels expressed in PPS.

For most countries the ranking order is the same whether the data are expressed in ECU or in PPS, except for Italy (7th place in ECU but 5th place in PPS) and the UK and Ireland (which reverse their 8th and 9th positions).

It should also be noted that disparities between values expressed in PPS are less marked than is the case for data compiled in ECU.

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Explanatory note

The Statistical Office of the European Communities carries out a survey of labour costs in industry, distribution, banking and insurance every three years. For intermediate years, in collaboration with the national statistical services updatings of the principal results of the most recent survey relating to industry are compiled.

This bulletin presents for April, October and the annual average of 1981 updatings of the results of the 1978 survey. Data for Greece and detailed data for Ireland are not yet available.

A summary of trends and levels of average hourly labour costs for the whole of manual and non-manual workers in manufacturing industry is shown in tables 1 and 2. The latter table shows absolute values expressed in units of national currencies followed by the same data converted into European currency units (ECU) and purchasing power standards (PPS).

In addition a breakdown of average hourly labour costs by NACE industrial groups for the years 1975 and 1979 to 1981, expressed both in national currencies and in ECU, is given in tables 3 and 4.

The hourly labour cost is arrived at by dividing the total labour cost by the total number of hours worked by manual workers and the customary or usual number of hours worked by non-manual workers.

Hourly labour costs, expressed in national currencies, have been converted into European currency units to facilitate comparison in terms of international competitiveness. For the rates used for conversion into ECU see "EUROSTATISTICS", table 151.

In addition, recognizing the need for a more general comparison, hourly labour costs, expressed in national currencies, have been converted into current purchasing power standards (PPS) using the rates compiled each year by EUROSTAT for the ESA aggregate gross domestic product at market prices. These data are comparable for a given period (between countries) but not for different periods (between years). The results of the conversion should be interpreted with caution particularly because of the differences in the concepts and definitions of these two aggregates. For a description of the method of calculating purchasing power parities see "National Accounts ESA, Aggregates 1960-1980", EUROSTAT 1982. The rates used are given below.

1 Purchasing power standard = ...

	DM	FF	100 LIT	HFL	BFR	LFR	UKL	IRL	DKR
1975	3,59	5,92	6,25	3,47	51,56	46,16	0,450	0,442	8,94
1978	3,05	5,94	7,62	3,22	47,04	42,35	0,497	0,502	8,88
1979	2,90	6,01	8,06	3,07	44,88	41,42	0,523	0,517	8,76
1980	2,74	6,05	8,76	2,92	42,26	39,93	0,562	0,532	8,57
1981	2,60	6,16	9,33	2,82	40,41	38,19	0,572	0,572	8,55

Table 3 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in national currency

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
			DM	FF	LIT	HFL	BFR	LF	UKL	DKR
1 to 5 (ex- cept 16 + 17)	All industries (except elec- tricity, gas, steam and water)	1975	17,57	24,44	3400	20,21	272	256	1,69	40,40
		1978	21,71	36,95	5412	24,37	373	341	2,53	55,20
		1979	23,00	42,20	6300	26,90	404	361	2,30	:
		1980	24,70	43,70	7530	23,30	440	390	3,40	:
		1981	26,00	55,40	9220	29,40	477	403	:	:
		IV.31	25,60	53,70	8360	23,90	473	407	:	:
		X.81	26,40	57,10	9530	29,90	480	410	:	:
11, 13, 21, 23	Mining and quarrying	1975	22,60	33,56	4379	26,79	333	304	2,49	37,42
		1978	27,30	43,34	5382	31,61	445	342	3,63	50,34
		1979	29,50	55,40	6310	33,30	473	354	:	:
		1980	32,20	63,90	8260	35,10	523	367	:	:
		1981	34,70	72,00	10030	33,00	553	393	:	:
		IV.31	33,90	69,60	9800	36,90	560	389	:	:
		X.81	35,40	74,50	10370	33,70	557	394	:	:
12, 14, 15, 22, 24 to 26, 3, 4	Manufacturing industries 1)	1975	17,54	24,95	3450	20,24	263	270	1,66	40,90
		1978	21,76	37,38	5403	25,22	374	367	2,51	55,21
		1979	23,00	42,30	6310	27,10	406	332	2,30	65,20
		1980	24,70	49,20	7500	23,40	442	416	3,40	72,40
		1981	25,90	56,30	9210	29,50	479	433	3,80	79,50
		IV.81	25,40	54,40	8850	29,10	476	432	:	77,70
		X.81	26,30	53,10	9570	30,10	482	434	:	81,30
11	Extraction and briquetting of solid fuels	1975	24,72 ²⁾	34,34	5220	-	374	-	2,63	-
		1978	23,67 ²⁾	46,92	6981	-	468	-	3,85	-
		1979	31,50 ²⁾	:	8030	-	503	-	:	-
		1980	34,50 ²⁾	:	8220	-	555	-	:	-
		1981	37,30 ²⁾	:	8590	-	591	-	:	-
		IV.81	36,50 ²⁾	:	8340	-	593	-	:	-
		X.31	33,10 ²⁾	:	8840	-	588	-	:	-
12	Coke ovens	1975	:	:	4684	-	317	-	2,29	-
		1978	:	:	6915	-	432	-	3,19	-
		1979	:	:	8120	-	469	-	:	-
		1980	:	:	9350	-	524	-	:	-
		1981	:	:	11330	-	571	-	:	-
		IV.81	:	:	10950	-	569	-	:	-
		X.31	:	:	11300	-	571	-	:	-
13	Extraction of petroleum and natural gas	1975	23,06	53,58	5221	29,30	-	-	:	-
		1978	:	90,32	8693	32,96	-	-	5,52	-
		1979	:	101,30	10050	35,60	-	-	:	-
		1980	:	117,80	11290	37,70	-	-	:	-
		1981	:	132,20	14190	40,30	-	-	:	-
		IV.81	:	129,70	13950	38,90	-	-	:	-
		X.31	:	134,70	14420	40,90	-	-	:	-

1) Data for Ireland. see table 2

2) NACE 11 + 12

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in national currency

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
			DM	FF	LIT	HFL	BFR	LFER	UKL	DKR
14	Mineral oil refining	1975	25,50	44,85	5223	28,43	484	-	2,67	47,67
		1978	37,77	66,04	7442	36,83	676	-	3,88	60,34
		1979	40,00	73,90	8690	39,70	770	-	4,30	72,00
		1980	43,20	86,10	9760	40,90	817	-	5,50	80,20
		1981	46,00	96,20	12030	43,60	922	-	6,30	87,90
		IV.31	45,60	93,30	11330	42,20	913	-	:	85,70
		X.31	46,30	93,70	12180	44,10	930	-	:	90,20
21	Extraction and preparation of metalliferous ores	1975	21,14	38,00	4532	-	-	337	:	-
		1978	:	57,44	5682	-	-	420	3,13	-
		1979	:	64,40	6710	-	-	426	:	-
		1980	:	73,20	8260	-	-	453	:	-
		1981	:	81,10	10370	-	-	483	:	-
		IV.31	:	77,70	10010	-	-	430	:	-
		X.81	:	84,50	10730	-	-	436	:	-
22	Production and preliminary	1975	19,33	29,33	4012	24,07	336	307	1,97	44,66
		1978	24,40	43,63	6218	30,27	474	416	2,91	57,61
		1979	26,00	49,10	7150	32,70	524	437	3,20	68,10
		1980	27,70	55,30	8400	34,10	570	466	3,90	73,60
		1981	29,50	62,90	10350	35,70	623	480	4,30	81,90
		IV.81	29,00	61,50	9870	36,00	617	479	:	81,10
		X.81	30,00	64,40	10840	36,30	627	430	:	82,70
23	Extraction of minerals other than metalliferous	1975	15,37	26,33	4056	22,58	279	204	:	37,42
		1978	20,79	40,06	5688	28,76	369	242	2,34	50,34
		1979	22,00	45,90	6570	:	393	281	:	53,20
		1980	23,50	52,00	8060	:	432	289	:	64,10
		1981	23,40	60,90	9810	:	464	312	:	69,30
		IV.81	27,90	58,60	9550	:	464	313	:	67,20
		X.31	23,50	63,30	10030	:	463	306	:	71,20
24	Manufacture of non-metallic mineral products	1975	16,42	23,71	3108	19,13	265	206	1,59	40,65
		1978	20,51	36,12	5032	23,77	330	269	2,47	54,09
		1979	21,30	41,40	5760	25,30	409	294	2,80	63,40
		1980	23,20	48,00	6940	26,90	448	320	3,30	69,20
		1981	24,40	54,50	8600	27,90	435	337	3,80	76,30
		IV.31	24,00	52,70	8300	27,50	433	335	:	75,40
		X.31	24,30	56,30	3900	28,50	437	339	:	77,20
25	Chemical industry	1975	20,78	32,72	4169	24,64	331	212	1,97	46,23
		1978	27,32	48,46	6435	30,25	470	279	2,97	62,27
		1979	23,70	56,10	7740	32,60	507	301	3,30	74,30
		1980	30,30	64,90	9050	34,00	552	331	3,90	82,20
		1981	32,30	75,30	10730	35,40	589	379	4,50	92,30
		IV.81	31,30	73,10	10350	35,20	584	363	:	90,50
		X.31	32,80	77,40	11120	36,20	593	396	:	94,00

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Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
			DM	FF	LIT	HFL	BFR	LFR	UKL	DKR
26	Man-made fibres industry	1975	19,53	33,51	4037	:	321	272	2,02	-
		1973	26,67	44,46	5378	:	409	:	3,00	-
		1979	27,70	:	6700	:	446	:	3,30	-
		1930	29,20	:	7390	:	499	:	4,10	-
		1931	31,20	:	9200	:	:	:	4,50	-
		IV.31	31,10	:	3790	:	535	:	:	-
		X.31	31,30	:	9610	:	:	:	:	-
3	Metal manufacture mechanical, electrical & instrument engineering	1975	:	:	:	:	:	:	:	:
		1973	22,39	38,96	5548	25,46	332	321	2,63	54,55
		1979	24,20	:	:	:	417	:	2,94	:
		1930	26,00	:	:	:	453	:	3,50	:
		1981	27,20	:	:	:	492	:	3,90	:
		IV.31	26,70	:	:	:	489	:	:	:
		X.81	27,70	:	:	:	495	:	:	:
31	Manufacture of metal articles	1975	17,13	23,06	3376	18,79	266	208	1,60	38,75
		1973	20,61	34,53	5353	22,33	361	280	2,44	53,00
		1979	21,74	39,60	6240	24,00	394	303	2,80	62,20
		1930	23,30	45,60	7610	25,00	431	336	3,30	69,60
		1981	24,30	52,10	9330	25,70	468	363	3,60	76,50
		IV.81	23,30	50,30	9010	25,30	464	358	:	74,90
		X.81	24,70	53,30	9660	26,10	470	369	:	78,20
32	Mechanical engineering	1975	13,32	25,77	3567	19,55	283	259	1,71	42,26
		1973	22,56	33,54	5531	23,76	330	359	2,66	55,60 ¹⁾
		1979	24,00	43,90	6540	25,60	414	386	3,00	65,40 ¹⁾
		1930	25,30	50,30	7930	26,60	449	422	3,60	73,50 ¹⁾
		1981	26,30	57,60	9710	27,50	435	452	3,90	81,40 ¹⁾
		IV.81	26,30	55,90	9340	27,10	430	449	:	80,20 ¹⁾
		X.31	27,20	59,40	10070	28,00	489	454	:	32,60 ¹⁾
33	Manufacture of office machinery and data processing machinery	1975	23,84	43,33	4318	23,24	237	-	2,06	38,90
		1973	32,36	67,77	6459	29,71	306	:	3,67	48,50
		1979	35,40	76,90	7070	31,90	:	:	4,20	:
		1930	38,00	87,20	8230	32,50	:	:	5,10	:
		1981	39,40	96,30	9780	36,60	:	-	5,30	:
		IV.81	33,70	98,10	9420	33,60	:	-	:	:
		X.31	39,80	95,50	10150	37,10	:	-	:	:
34	Electrical engineering	1975	13,24	25,31	3539	22,91	285	216	1,59	40,45
		1973	22,51	37,79	5419	28,33	401	312	2,48	53,12
		1979	23,90	43,30	6320	30,90	436	340	2,30	64,50
		1930	25,80	50,10	7560	32,30	431	370	3,50	71,30
		1981	26,90	57,30	9380	33,60	527	396	3,90	79,80
		IV.81	26,40	55,30	8960	33,10	520	373	:	78,30
		X.31	27,40	59,20	9620	34,20	532	413	:	31,20

1) estimates based on data comprising NACE 32 + 33

Table 3 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in national currency

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
			DM	FF	LIT	HFL	BFR	LFR	UKL	DKR
35	Manufacture of motor vehicles and of motor vehicle parts and accessories	1975	21,04	26,37	3739	20,40	300	193	1,92	38,49
		1973	26,09	40,37	5722	24,47	379	265	2,78	54,30
		1979	27,60	45,60	6650	26,50	416	297	3,20	64,90
		1980	29,70	53,00	7350	27,90	444	329	3,70	73,00
		1981	31,00	60,20	9340	23,90	434	372	4,00	30,40
		IV.31	30,50	53,10	9020	23,50	432	355	:	79,60
		X.81	31,50	62,40	9660	29,40	435	339	:	31,10
36	Manufacture of other means of transport	1975	19,41	29,22	3749	20,05	311	-	1,94	44,36
		1973	24,08	45,48	5737	25,55	394	-	2,84	56,80
		1979	25,70	51,30	6740	27,70	419	-	2,90	66,20
		1980	27,60	59,10	8030	23,40	456	-	3,90	75,10
		1981	23,30	69,60	10060	29,60	497	-	4,30	31,60
		IV.31	23,10	66,30	9520	29,20	492	-	:	30,30
		X.81	29,40	72,90	10590	30,10	501	-	:	32,70
37	Instrument engineering	1975	16,39	23,47	3282	19,52	265	-	1,56	39,64
		1978	19,45	34,48	5171	23,67	359	257	2,42	55,52
		1979	20,50	39,20	6110	25,50	388	:	2,70	65,00
		1980	22,10	45,40	7340	26,50	413	:	3,20	74,70
		1981	23,10	51,00	8930	26,80	453	-	3,70	83,00
		IV.81	22,30	49,40	8660	26,70	451	-	:	31,50
		X.81	23,40	52,60	9190	27,30	463	-	:	84,50
41/ 42	Food, drink and tobacco industry	1975	15,06	22,53	3590	18,94	243	189	1,49	42,43
		1978	18,95	34,44	5572	23,79	346	278	2,30	56,53
		1979	19,90	39,80	6390	25,40	369	293	2,60	65,60
		1980	21,10	46,50	7510	26,80	403	320	3,10	72,00
		1981	22,40	53,10	9360	27,90	435	349	3,60	79,30
		IV.81	22,10	51,40	8970	27,40	430	347	:	76,50
		X.31	22,70	54,70	9750	28,40	440	352	:	82,00
43	Textile industry	1975	13,73	19,08	2351	17,30	214	:	1,30	33,86
		1978	16,18	28,40	4531	21,77	280	:	1,95	48,32
		1979	17,00	32,00	5380	23,30	300	:	2,20	57,90
		1980	13,00	36,80	6330	24,30	329	:	2,60	63,50
		1981	19,00	42,40	7320	25,30	359	-	2,80	69,70
		IV.81	13,60	40,60	7500	24,90	353	-	:	63,10
		X.31	19,40	44,20	3120	25,70	364	-	:	71,30
44	Leather and leather goods industry	1975	12,15	17,72	2693	16,24	192	-	1,25	32,71
		1978	14,65	25,88	4502	20,48	234	-	1,87	45,58
		1979	15,50	29,60	5220	20,90	312	-	2,20	52,70
		1980	16,70	34,00	6340	22,80	334	-	2,60	60,30
		1981	17,30	39,00	7680	23,60	353	-	2,90	62,80
		IV.81	17,70	37,70	7400	23,20	353	-	:	61,60
		X.31	17,80	40,30	7960	24,00	352	-	:	64,00

Table 3 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in national currency

Manual + non manual workers

N A C E		D	F	I	NL	B	L	UK	DK	
		DM	FF	LIT	HFL	BFR	LFR	UKL	DKR	
45	Manufacture of clothing and footwear	1975	12,19	16,45	2424	13,89	170	120	1,10	30,11
		1973	13,90	23,36	3905	16,93	228	156	1,64	44,36
		1979	14,60	27,10	4530	18,30	246	163	1,90	52,50
		1980	15,50	31,50	5410	20,00	265	175	2,30	56,90
		1981	16,50	36,30	6720	20,00	290	193	2,60	62,50
		IV.31	16,20	35,20	6470	20,50	239	192	:	61,70
		X.31	16,70	37,50	6970	20,30	292	194	:	63,40
46	Timber and wooden furniture industries	1975	14,39	18,46	2661	16,47	221	175	1,50	34,04
		1973	18,63	27,16	4411	20,73	301	216	2,24	46,39
		1979	19,30	30,90	5160	23,00	320	233	2,50	55,10
		1980	21,20	35,40	6110	23,60	345	262	3,00	61,20
		1981	22,50	40,70	7590	24,50	374	230	3,30	67,00
		IV.31	22,30	39,30	7230	24,20	372	230	:	66,00
		X.81	22,60	42,20	7950	24,80	375	231	:	63,00
47	Manufacture of paper and paper products, printing and publishing	1975	16,69	29,17	4092	20,73	278	:	1,31	47,02
		1973	21,00	40,13	6250	25,44	372	306	2,67	67,26
		1979	22,10	46,40	7240	27,60	398	326	3,00	81,50
		1980	23,60	52,30	8370	28,80	439	362	3,70	91,00
		1981	24,70	60,40	10130	30,10	473	390	4,30	97,40
		IV.81	24,50	53,30	9370	29,50	471	379	:	95,30
		X.81	24,90	62,50	10410	30,60	475	400	:	99,50
48	Processing of rubber and plastics	1975	15,94	23,42	3702	18,55	259	273	1,54	37,77
		1973	19,01	34,48	5537	23,73	345	366	2,40	51,97
		1979	20,10	39,90	6420	25,50	370	392	2,70	62,30
		1980	21,40	46,40	7580	26,70	398	429	3,10	69,00
		1981	22,60	53,10	9470	27,70	432	461	3,40	75,80
		IV.81	22,20	50,90	9150	27,20	426	458	:	74,00
		X.31	23,00	55,20	9800	28,10	436	464	:	77,70
49	Other manufacturing industries	1975	14,78	20,01	2846	16,83	191	:	1,33	36,31
		1973	16,54	31,12	4542	20,78	226	:	2,04	51,08
		1979	17,50	35,40	5360	:	245	:	2,30	59,80
		1980	13,80	40,60	6450	:	274	:	2,70	67,00
		1981	19,70	47,40	8060	:	307	-	3,20	74,10
		IV.81	19,40	46,00	7720	:	306	-	:	73,60
		X.31	20,00	48,30	8400	:	307	-	:	74,40
50	Building and civil engineering	1975	16,67	20,92	2876	19,93	275	188	1,66	:
		1973	20,10	34,01	5470	23,72	360	234	2,35	57,85
		1979	21,50	38,70	6360	26,50	390	254	2,60	:
		1980	23,10	44,80	7690	27,70	422	278	3,20	:
		1981	24,70	51,50	9650	28,80	458	300	3,60	:
		IV.81	24,40	49,50	9340	28,40	456	296	:	:
		X.31	24,90	53,50	9960	29,30	460	305	:	:

Table 4 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in ECU

		Manual + non manual workers								
N A C E			D	F	I	NL	B	L	UK	DK
1 to 5 (ex- cept 16 + 17)	All industries (except elec- tricity, gas, steam and water)	1975	5,76	4,59	4,20	6,45	5,96	5,61	3,02	5,67
		1973	3,49	6,44	5,01	9,03	9,31	8,51	3,81	7,86
		1979	9,20	7,20	5,50	9,80	10,10	9,00	4,40	:
		1980	9,80	3,30	6,30	10,30	10,80	9,60	5,70	:
		1981	10,40	9,20	7,30	10,60	11,50	9,80	:	:
		IV.81	10,10	9,00	7,00	10,30	11,40	9,80	:	:
		X.81	10,30	9,40	7,40	11,10	11,80	10,00	:	:
11, 13, 21, 23	Mining and quarrying	1975	7,43	6,31	5,41	8,55	7,41	6,63	4,45	5,25
		1973	10,63	8,51	5,45	11,42	11,11	8,54	5,47	7,17
		1979	11,30	9,50	6,00	12,30	11,90	8,30	:	:
		1930	12,70	10,90	6,90	12,70	12,90	9,00	:	:
		1981	13,30	11,90	3,00	13,70	13,50	9,50	:	:
		IV.81	13,40	11,60	7,80	13,10	13,50	9,40	:	:
		X.81	14,50	12,20	3,00	14,40	13,70	9,70	:	:
12, 14, 15, 22, 24 to 26, 3, 4	Manufacturing industries 1)	1975	5,75	4,69	4,26	6,46	5,89	5,93	2,95	5,74
		1973	8,51	6,51	5,00	9,16	9,34	9,16	3,73	7,87
		1979	9,20	7,30	5,50	9,80	10,10	9,50	4,40	9,10
		1930	9,80	8,40	6,30	10,30	10,90	10,30	5,70	9,30
		1981	10,30	9,30	7,30	10,60	11,60	10,50	6,90	10,00
		IV.81	10,00	9,10	7,00	10,40	11,50	10,40	:	9,70
		X.81	10,80	9,50	7,40	11,20	11,80	10,60	:	10,40
11	Extraction and briquetting of solid fuels	1975	8,11 ²⁾	6,46	6,45	-	8,21	-	4,70	-
		1978	11,22 ²⁾	8,17	6,46	-	11,68	-	5,30	-
		1979	12,50 ²⁾	:	7,00	-	12,50	-	:	-
		1980	13,70 ²⁾	:	6,90	-	13,70	-	:	-
		1981	14,30 ²⁾	:	6,30	-	14,30	-	:	-
		IV.81	14,40 ²⁾	:	6,60	-	14,30	-	:	-
		X.81	15,60 ²⁾	:	6,30	-	14,40	-	:	-
12	Coke ovens	1975	:	:	5,79	-	6,69	-	4,09	-
		1978	:	:	6,40	-	10,78	-	4,80	-
		1979	:	:	7,10	-	11,70	-	:	-
		1980	:	:	7,90	-	12,90	-	:	-
		1981	:	:	9,00	-	13,80	-	:	-
		IV.81	:	:	9,70	-	13,70	-	:	-
		X.81	:	:	9,10	-	14,00	-	:	-
13	Extraction of petroleum and natural gas	1975	7,56	10,07	6,45	9,51	-	-	:	-
		1978	:	15,74	8,05	11,97	-	-	8,31	-
		1979	:	17,40	8,80	12,90	-	-	:	-
		1980	:	20,10	9,50	13,70	-	-	:	-
		1981	:	21,90	11,20	14,50	-	-	:	-
		IV.81	:	21,60	11,10	13,80	-	-	:	-
		X.81	:	22,10	11,20	15,20	-	-	:	-

1) Data for Ireland, see table 2

2) NACE 11 + 12

Table 4 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in ECU

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
14	Mineral oil refining	1975	3,36	3,43	6,58	9,07	10,61	-	4,77	6,69
		1973	14,73	11,51	6,89	13,37	16,87	-	5,34	3,60
		1979	15,90	12,70	7,60	14,40	19,20	-	6,70	10,00
		1980	17,10	14,70	3,20	14,30	20,10	-	9,10	10,30
		1981	13,30	15,90	9,50	15,70	22,30	-	11,50	11,10
		IV.81	13,00	16,20	9,40	15,00	22,00	-	:	10,70
		X.81	19,00	16,20	9,40	16,40	22,80	-	:	11,50
21	Extraction and preparation of metalliferous ores	1975	6,93	7,14	5,66	-	-	7,40	:	-
		1973	:	10,01	5,26	-	-	10,43	4,71	-
		1979	:	11,00	5,90	-	-	10,60	:	-
		1930	:	12,50	7,00	-	-	11,30	:	-
		1981	:	13,40	3,20	-	-	11,70	:	-
		IV.81	:	13,00	7,90	-	-	11,60	:	-
		X.81	:	13,90	3,30	-	-	11,90	:	-
22	Production and preliminary processing of metals	1975	6,50	5,51	4,96	7,63	7,38	6,74	3,52	6,27
		1973	9,55	7,61	5,76	10,99	11,33	10,33	4,38	8,21
		1979	10,40	8,40	6,30	11,90	13,00	10,90	5,00	9,50
		1930	11,00	9,50	7,10	12,40	14,10	11,50	6,50	9,40
		1981	11,70	10,40	3,20	12,90	15,10	11,60	7,80	10,30
		IV.81	11,40	10,30	7,80	12,80	14,90	11,50	:	10,20
		X.81	12,30	10,60	3,40	13,40	15,40	11,30	:	10,60
23	Extraction of minerals other than metalliferous	1975	5,04	4,95	5,01	7,20	6,12	4,49	:	5,25
		1978	3,13	6,93	5,27	10,44	9,21	6,04	3,52	7,17
		1979	3,30	7,90	5,30	:	9,30	7,00	:	3,10
		1980	9,30	3,90	6,80	:	10,60	7,10	:	8,20
		1981	11,30	10,10	7,30	:	11,20	7,60	:	8,30
		IV.81	11,00	9,30	7,60	:	11,20	7,70	:	8,40
		X.81	11,70	10,40	7,80	:	11,40	7,50	:	9,10
24	Manufacture of non-metallic mineral products	1975	5,33	4,46	3,84	6,10	5,82	4,52	2,84	5,71
		1978	3,02	6,29	4,66	8,63	9,49	6,71	3,72	7,71
		1979	3,70	7,10	5,10	9,40	10,20	7,30	4,30	8,30
		1980	9,20	3,20	5,30	9,30	11,00	7,90	5,60	8,80
		1981	9,70	9,00	6,80	10,00	11,30	3,20	6,80	9,60
		IV.81	9,50	3,30	6,60	9,30	11,70	3,10	:	9,40
		X.81	10,20	9,20	6,90	10,60	11,90	3,30	:	9,90
25	Chemical industry	1975	6,31	6,15	5,15	7,86	7,26	4,66	3,52	6,49
		1978	10,69	10,69	3,44	5,96	11,73	6,96	4,47	8,37
		1979	11,40	9,60	6,30	11,30	12,60	7,50	5,10	10,40
		1980	12,00	11,10	7,60	12,30	13,60	8,20	6,60	10,50
		1981	12,30	12,50	3,50	12,30	14,30	9,20	8,10	11,70
		IV.81	12,50	12,20	3,20	12,50	14,10	3,70	:	11,30
		X.81	13,40	12,70	3,60	13,40	14,50	9,70	:	12,00

Table 4 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
In ECU

Manual + non manual workers

NACE			D	F	I	NL	B	L	UK	DK
26	Man-made fibres industry	1975	6,42	6,30	4,99	:	7,06	5,98	3,61	-
		1978	10,43	7,75	5,44	:	10,21	:	4,52	-
		1979	11,00	:	5,90	:	11,10	:	5,10	-
		1980	11,60	:	6,60	:	12,30	:	6,80	-
		1981	12,40	:	7,30	:	13,10	:	8,10	-
		IV.81	12,30	:	7,00	:	12,90	:	:	-
		X.81	12,30	:	7,40	:	13,40	:	:	-
3	Metal manufacture mechanical, electrical & instrument engineering	1975	:	:	:	:	:	:	:	:
		1978	3,96	6,79	5,14	9,24	9,54	8,01	3,96	7,77
		1979	9,70	:	:	:	10,40	:	4,60	:
		1980	10,30	:	:	:	11,10	:	5,90	:
		1981	10,30	:	:	:	11,90	:	7,10	:
		IV.81	10,50	:	:	:	11,30	:	:	:
		X.81	11,30	:	:	:	12,10	:	:	:
31	Manufacture of metal articles	1975	5,62	4,34	4,17	5,99	5,33	4,57	2,86	5,44
		1978	8,06	6,02	4,96	8,11	9,01	6,99	3,68	7,55
		1979	8,70	6,30	5,50	8,70	9,30	7,60	4,30	8,60
		1980	9,20	7,30	6,40	9,10	10,60	8,30	5,50	8,90
		1981	9,70	8,60	7,40	9,30	11,30	8,80	6,60	9,70
		IV.81	9,40	8,40	7,10	9,00	11,20	8,60	:	9,40
		X.81	10,10	8,80	7,50	9,70	11,50	9,00	:	10,00
32	Mechanical engineering	1975	6,17	4,34	4,41	6,24	6,21	5,68	3,05	5,93
		1978	8,33	6,71	5,17	8,63	9,49	8,96	4,01	7,92 ¹⁾
		1979	9,60	7,50	5,70	9,30	10,30	9,60	4,60	9,10 ¹⁾
		1980	10,20	8,60	6,70	9,70	11,10	10,40	5,90	9,40 ¹⁾
		1981	10,70	9,50	7,70	9,90	11,70	10,90	7,10	10,30 ¹⁾
		IV.81	10,40	9,30	7,40	9,60	11,60	10,80	:	10,00 ¹⁾
		X.81	11,20	9,70	7,80	10,40	12,00	11,10	:	10,60 ¹⁾
33	Manufacture of office machinery and data processing machinery	1975	7,82	8,24	5,33	7,41	5,20	-	3,68	5,46
		1978	12,36	11,31	5,98	10,79	7,64	-	5,53	6,91
		1979	14,10	13,20	6,20	11,60	:	-	6,50	:
		1980	15,00	14,90	6,90	11,80	:	-	8,50	:
		1981	15,70	16,00	7,30	13,20	:	-	10,50	:
		IV.81	15,30	16,40	7,50	11,90	:	-	:	:
		X.81	16,30	15,70	7,90	13,80	:	-	:	:
34	Electrical engineering	1975	5,98	4,76	4,43	7,31	6,26	4,74	2,84	5,68
		1978	8,31	6,53	5,02	10,47	10,01	7,79	3,74	7,57
		1979	9,50	7,40	5,50	11,20	10,90	8,50	4,40	8,90
		1980	10,20	8,50	6,40	11,70	11,80	9,10	5,80	9,20
		1981	10,70	9,50	7,40	12,10	12,80	9,60	7,00	10,10
		IV.81	10,40	9,20	7,10	11,80	12,60	9,10	:	9,30
		X.81	11,20	9,70	7,40	12,70	13,10	10,10	:	10,40

1) estimates based on data comprising NACE 32 + 33

Table 4 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981
in ECU

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
35	Manufacture of motor vehicles and of motor vehicle parts and accessories	1975	6,90	4,96	4,62	6,51	6,58	4,36	3,43	5,40
		1973	10,21	7,03	5,30	8,83	9,46	6,61	4,19	7,74
		1979	11,00	7,30	5,30	9,60	10,40	7,40	4,90	9,00
		1980	11,80	9,00	6,60	10,10	10,90	8,10	6,10	9,30
		1981	12,30	10,00	7,40	10,40	11,70	9,00	7,30	10,20
		IV.81	12,00	9,70	7,10	10,10	11,60	3,60	:	10,00
		X.81	12,90	10,20	7,50	10,90	11,90	9,50	:	10,40
36	Manufacture of other means of transport	1975	6,37	5,49	4,63	6,40	6,83	-	3,46	6,23
		1973	9,42	7,92	5,36	9,23	9,83	-	4,23	8,09
		1979	10,20	3,90	5,90	10,00	10,40	-	4,50	9,20
		1980	10,90	10,10	6,80	10,30	11,20	-	6,60	9,60
		1981	11,40	11,50	3,00	10,70	12,00	-	7,90	10,30
		IV.81	11,10	11,10	7,50	10,40	11,90	-	:	10,10
		X.81	12,00	12,00	8,20	11,20	12,30	-	:	10,60
37	Instrument engineering	1975	5,37	4,41	4,05	6,23	5,82	-	2,79	5,57
		1973	7,61	6,01	4,79	3,59	8,96	6,42	3,65	7,91
		1979	8,10	6,70	5,40	9,30	9,70	:	4,20	9,00
		1980	3,70	7,70	6,20	9,60	10,30	:	5,40	9,60
		1981	9,20	8,50	7,10	9,70	11,10	-	6,70	10,50
		IV.81	9,00	8,20	6,90	9,50	10,90	-	:	10,20
		X.81	9,60	8,60	7,10	10,10	11,40	-	:	10,80
41/ 42	Food, drink and tobacco industry	1975	4,94	4,24	4,43	6,04	5,43	4,14	2,66	5,96
		1978	7,41	6,00	5,16	8,64	8,64	6,94	3,46	8,05
		1979	7,90	6,80	5,60	9,20	9,20	7,30	4,00	9,10
		1980	8,40	7,90	6,30	9,70	9,90	7,90	5,30	9,20
		1981	3,90	3,30	7,40	10,00	10,50	3,50	6,50	10,00
		IV.81	8,70	8,60	7,10	9,80	10,40	8,40	:	9,60
		X.81	9,30	9,00	7,50	10,50	10,80	3,60	:	10,50
43	Textile industry	1975	4,50	3,59	3,52	5,52	4,69	:	2,32	4,75
		1978	6,33	4,95	4,19	7,90	6,99	:	2,94	6,95
		1979	6,30	5,50	4,70	8,50	7,50	:	3,40	8,00
		1980	7,10	6,30	5,30	8,80	8,10	:	4,30	8,10
		1981	7,60	7,00	6,20	9,10	3,70	-	5,10	3,80
		IV.81	7,30	6,80	5,90	8,90	8,50	-	:	3,50
		X.81	3,00	7,30	6,30	9,50	3,90	-	:	9,10
44	Leather and leather goods industry	1975	3,98	3,33	3,33	5,13	4,22	-	2,23	4,59
		1978	5,73	4,51	4,17	7,44	7,09	-	2,32	6,49
		1979	6,20	5,10	4,60	7,60	7,80	-	3,40	7,30
		1980	6,60	5,80	5,30	3,20	8,20	-	4,40	7,70
		1981	7,10	6,50	6,10	8,50	8,50	-	5,30	7,90
		IV.81	7,00	6,30	5,90	8,30	8,50	-	:	7,70
		X.81	7,30	6,60	6,20	8,90	8,60	-	:	8,20

Table 4 - HOURLY LABOUR COSTS IN INDUSTRY, 1975 - 1981

in ECU

Manual + non manual workers

N A C E			D	F	I	NL	B	L	UK	DK
45	Manufacture of clothing and footwear	1975	4,00	3,09	2,99	4,43	3,73	2,63	1,96	4,23
		1973	5,44	4,16	3,62	6,15	5,69	3,89	2,47	6,32
		1979	5,80	4,70	4,00	6,80	6,10	4,10	3,00	7,30
		1980	6,20	5,40	4,60	7,30	6,50	4,30	3,80	7,30
		1981	6,60	6,00	5,30	7,20	7,00	4,70	4,60	7,90
		IV.81	6,40	5,90	5,10	7,30	7,00	4,60	:	7,70
		X.81	6,90	6,20	5,40	7,50	7,20	4,30	:	8,10
46	Timber and wooden furniture industries	1975	4,38	3,47	3,29	5,25	4,85	3,83	2,68	4,73
		1973	7,29	4,73	4,03	7,55	7,51	5,39	3,37	6,68
		1979	7,90	5,30	4,50	8,30	8,00	5,80	3,90	7,60
		1980	8,40	6,00	5,10	8,60	8,50	6,50	5,00	7,80
		1981	8,90	6,30	6,00	8,30	9,10	6,80	6,00	8,50
		IV.81	8,30	6,60	5,70	8,60	9,00	6,80	:	8,30
		X.81	9,20	6,90	6,20	9,20	9,20	6,90	:	8,70
47	Manufacture of paper and paper products, printing and publishing	1975	5,47	5,48	5,05	6,61	6,10	:	3,23	6,60
		1973	8,22	6,99	5,79	9,24	9,29	7,64	4,02	9,58
		1979	8,30	8,00	6,40	10,00	9,90	8,10	4,70	11,30
		1980	9,50	9,00	7,00	10,40	10,80	3,90	6,20	11,80
		1981	9,30	10,00	8,00	10,30	11,50	9,40	7,80	12,30
		IV.81	9,60	9,70	7,80	10,50	11,40	9,10	:	11,90
		X.81	10,20	10,30	8,10	11,30	11,60	9,80	:	12,70
48	Processing of rubber and plastics	1975	5,23	4,40	4,57	5,92	5,69	5,98	2,75	5,30
		1978	7,44	6,01	5,17	8,63	8,61	9,14	3,61	7,40
		1979	8,00	6,90	5,60	9,30	9,20	9,80	4,10	8,60
		1980	8,50	7,90	6,40	9,70	9,80	10,60	5,20	8,80
		1981	9,00	8,80	7,50	10,00	10,50	11,20	6,10	9,60
		IV.81	8,30	8,50	7,20	9,70	10,30	11,00	:	9,30
		X.81	9,40	9,10	7,60	10,40	10,70	11,40	:	9,90
49	Other manufacturing industries	1975	4,85	3,76	3,52	5,37	4,19	:	2,37	5,17
		1978	6,47	5,42	4,20	7,55	5,64	:	3,07	7,23
		1979	7,00	6,10	4,70	:	6,10	:	3,50	8,30
		1980	7,40	6,90	5,40	:	6,70	:	4,50	8,60
		1981	7,80	7,90	6,40	:	7,40	-	5,70	9,40
		IV.81	7,70	7,70	6,10	:	7,40	-	:	9,20
		X.81	8,20	8,00	6,50	:	7,50	-	:	9,50
50	Building and civil engineering	1975	5,47	3,93	3,55	6,37	6,04	4,13	2,96	:
		1978	7,86	5,93	5,06	8,61	8,99	5,84	3,54	8,24
		1979	8,60	6,60	5,60	9,60	9,70	6,30	4,00	:
		1980	9,20	7,60	6,50	10,00	10,40	6,90	5,30	:
		1981	9,80	8,50	7,60	10,40	11,10	7,30	6,40	:
		IV.81	9,60	8,30	7,40	10,10	11,00	7,10	:	:
		X.81	10,20	8,80	7,70	10,90	11,30	7,50	:	: