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# Latest developments for the production and new orders indices for total industry (excluding construction)

during the second quarter of 2004

In the second quarter 2004, the industrial production index for total industry (excluding construction) in the EU-25 increased by 0.9 % when compared with the previous quarter. In the EU-15 and the euro-zone, quarter on quarter increases were slightly lower at 0.8 %. For all three European aggregates, the latest data marked the fourth consecutive quarter of expanding output.

In comparison to the same quarter of the year before, industrial output registered a 3.1 % increase in the EU-25 in the second quarter of 2004. This was almost double the corresponding increase that was registered in the first quarter of 2004 (1.6 %). In the EU-15 and the euro-zone output expanded at a slower pace, with gains of 2.5 % and 2.7 %. Nevertheless, both of these figures were also considerably higher than those recorded in the first quarter of 2004, when growth was 0.9 % in the EU-15 and 1.0 % in the euro-zone.

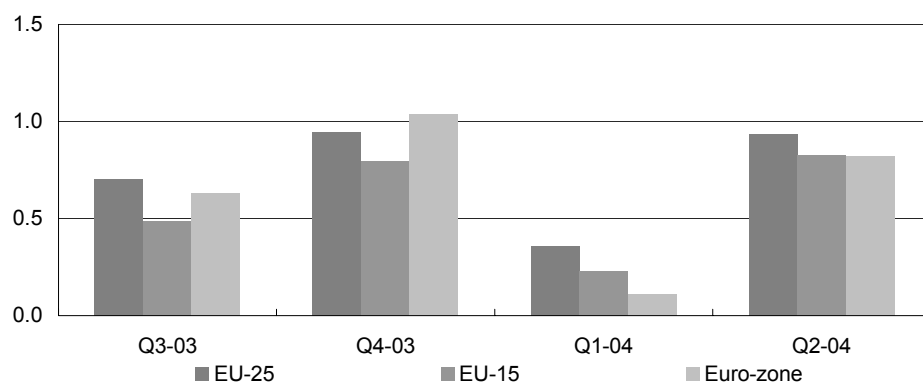


Figure 1: Production index for total industry (excluding construction), seasonally adjusted data, growth rates, compared to the previous quarter (%)

	Quarter on quarter growth rates, seasonally adjusted data			Year on year growth rates, working day adjusted data		
	EU-25	EU-15	Euro-zone	EU-25	EU-15	Euro-zone
Q3-03	0.7	0.5	0.6	0.3	-0.1	-0.3
Q4-03	0.9	0.8	1.0	1.7	1.2	1.4
Q1-04	0.4	0.2	0.1	1.6	0.9	1.0
Q2-04	0.9	0.8	0.8	3.1	2.5	2.7

Table 1: Production index for total industry (excluding construction), growth rates (%)

## Production index for the main industrial groupings (MIGs) and total industry (excluding construction)

Among the main industrial groupings, the EU-25 capital goods sector registered the highest increase (2.3 %) in output between the first and second quarters of 2004. At the other end of the range, there was no change in the output of consumer non-durables in the EU-25, while the only negative rate was recorded for energy in the euro-zone (-0.7 %). Growth rates for the remaining Main Industrial Groupings (MIGs) ranged between 0.5 % for consumer durables and 0.9 % for intermediate goods in the EU-25. In terms of a comparison with the same quarter of a year before, capital goods again recorded the highest growth, with output rising by 5.0 % in the EU-25 during the year to the second quarter of 2004.

		Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
		Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
Total industry (excluding construction)	EU-25	0.3	-0.4	0.7	0.9	0.4	0.9	0.9	-0.3	0.3	1.7	1.6	3.1
	EU-15	0.2	-0.5	0.5	0.8	0.2	0.8	0.7	-0.6	-0.1	1.2	0.9	2.5
	Euro-zone	0.4	-0.7	0.6	1.0	0.1	0.8	0.9	-0.8	-0.3	1.4	1.0	2.7
Total industry without energy (excluding construction)	EU-25	0.2	-0.4	0.7	1.2	0.2	1.0	0.5	-0.5	0.1	1.8	1.7	3.3
	EU-15	0.2	-0.5	0.6	1.0	0.0	1.0	0.3	-0.9	-0.3	1.3	1.1	2.7
	Euro-zone	0.1	-0.8	0.7	1.2	-0.1	1.0	0.5	-1.4	-0.6	1.3	0.9	2.9
Energy	EU-25	1.7	-0.4	0.7	-1.2	1.4	0.7	3.1	-0.1	1.3	0.7	0.5	1.7
	EU-15	1.8	-0.3	0.5	-1.2	1.4	0.7	3.0	-0.1	1.3	0.7	0.5	1.5
	Euro-zone	2.9	-0.7	0.8	-0.2	2.4	-0.7	4.5	2.0	2.1	2.7	2.3	2.3
Intermediate goods	EU-25	0.2	-0.4	0.7	1.3	0.3	0.9	1.2	-0.2	-0.3	1.8	1.8	3.2
	EU-15	0.3	-0.6	0.6	1.1	0.0	0.8	1.0	-0.5	-0.6	1.4	1.1	2.6
	Euro-zone	0.3	-0.7	0.6	1.4	-0.2	0.8	1.2	-0.8	-0.6	1.7	1.0	2.6
Capital goods	EU-25	0.4	-0.5	0.7	1.9	-0.1	2.3	0.9	-0.3	0.2	2.7	1.9	5.0
	EU-15	0.3	-0.7	0.6	1.8	-0.4	2.0	0.7	-0.7	-0.3	2.1	1.1	4.1
	Euro-zone	0.3	-1.3	0.6	2.0	-0.6	2.0	0.9	-1.8	-1.3	1.8	0.4	4.1
Consumer durables	EU-25	-1.4	-0.7	1.9	0.7	0.8	0.5	-4.3	-4.1	-1.2	0.5	2.8	4.1
	EU-15	-2.0	-1.1	1.5	0.2	0.6	0.5	-5.5	-5.3	-2.8	-1.4	1.3	3.0
	Euro-zone	-2.0	-1.5	1.6	0.4	0.7	0.1	-5.9	-6.2	-3.6	-1.5	1.4	2.9
Consumer non-durables	EU-25	-0.1	0.1	0.6	0.0	0.1	0.0	-0.1	-0.1	1.0	0.7	0.9	0.7
	EU-15	-0.1	-0.1	0.7	-0.1	0.0	0.0	-0.3	-0.5	0.7	0.5	0.6	0.6
	Euro-zone	-0.2	-0.3	0.7	-0.1	0.1	0.0	0.1	-0.6	0.8	0.1	0.5	0.8

Table 2: Production index for the MIGs, growth rates (%)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	0.3	-0.4	0.7	0.9	0.4	0.9	0.9	-0.3	0.3	1.7	1.6	3.1
EU-15	0.2	-0.5	0.5	0.8	0.2	0.8	0.7	-0.6	-0.1	1.2	0.9	2.5
Euro-zone	0.4	-0.7	0.6	1.0	0.1	0.8	0.9	-0.8	-0.3	1.4	1.0	2.7
BE	0.2	-0.1	0.8	0.6	0.7	0.4	1.4	-0.4	0.4	1.5	2.1	2.3
CZ	1.6	0.8	1.7	2.6	2.8	3.7	6.3	5.0	5.9	6.3	7.5	12.7
DK	1.6	-0.7	0.9	-1.7	1.2	2.2	1.8	-1.4	1.0	-0.3	-0.5	2.5
DE	0.6	-1.0	-0.1	2.1	0.4	1.0	1.5	-0.2	-1.0	1.5	1.5	3.4
EE	1.1	3.7	3.9	0.5	-0.4	1.7	12.7	9.2	10.0	9.4	7.7	5.8
EL	-1.8	3.0	-0.6	0.2	0.0	0.9	0.7	2.1	2.2	0.8	2.6	0.5
ES	0.2	0.0	0.2	0.6	0.5	1.0	1.6	1.7	1.0	1.1	1.3	2.5
FR	0.7	-1.2	0.7	0.7	0.3	0.6	0.0	-1.9	-0.6	1.3	0.5	2.7
IE	4.5	0.3	3.1	7.0	-5.7	-0.5	2.1	2.2	5.5	15.2	4.5	3.7
IT	-0.3	-0.9	1.5	-0.2	-0.4	-0.2	-0.1	-1.7	-0.2	0.3	-0.1	1.0
CY	1.3	-1.7	1.4	1.0	-0.4	:	6.1	-0.6	2.1	2.0	0.2	:
LV	-1.1	3.5	3.3	0.4	3.1	0.7	6.9	6.4	8.2	6.0	10.9	7.6
LT	4.9	1.4	5.5	4.7	0.8	1.7	20.5	4.3	20.0	19.2	9.9	17.2
LU	2.6	-1.6	2.5	-0.4	:	:	4.5	-1.2	4.7	2.8	:	:
HU	-0.2	2.1	3.1	4.3	1.3	0.5	3.3	4.4	6.8	9.6	11.0	9.5
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	-3.5	0.8	1.5	2.2	-2.4	0.2	-5.1	-4.0	-1.2	1.1	2.1
AT	1.4	-0.9	1.1	0.1	2.6	:	3.6	0.6	1.9	1.4	3.0	:
PL	0.2	3.8	3.6	2.9	6.4	2.2	4.4	8.5	9.0	10.9	17.9	16.5
PT	-0.1	0.1	1.0	0.3	-4.0	0.9	0.5	-2.8	1.1	1.0	-2.9	-1.8
SI	-1.7	-0.7	1.2	2.2	-1.3	1.9	-2.9	-3.0	-2.6	1.0	1.4	3.9
SK	0.6	0.3	0.7	2.5	2.3	0.4	10.7	4.9	2.5	4.2	6.4	5.9
FI	-0.5	-0.6	2.3	-0.6	-1.2	3.9	2.2	-1.4	1.6	0.7	-0.6	4.6
SE	-0.9	1.8	0.3	1.0	1.7	2.3	-0.5	2.4	3.5	2.9	4.6	5.4
UK	0.1	-0.1	0.3	0.2	-0.6	1.0	-0.6	-0.2	0.1	0.1	0.1	0.8
BG	5.9	3.5	2.9	4.3	5.6	:	18.3	11.9	12.8	17.2	17.4	:
RO	-2.4	3.4	0.5	-0.4	1.9	0.6	3.6	5.6	2.6	0.9	5.5	2.7
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 3: Production index for total industry (excluding construction), growth rates (%)

## Production index for the main industrial groupings (MIGs)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	0.2	-0.4	0.7	1.2	0.2	1.0	0.5	-0.5	0.1	1.8	1.7	3.3
EU-15	0.2	-0.5	0.6	1.0	0.0	1.0	0.3	-0.9	-0.3	1.3	1.1	2.7
Euro-zone	0.1	-0.8	0.7	1.2	-0.1	1.0	0.5	-1.4	-0.6	1.3	0.9	2.9
BE	-0.1	-0.7	1.5	1.2	0.5	1.3	1.9	-1.4	0.8	2.1	2.8	4.5
CZ	1.2	1.1	1.8	2.5	3.0	3.8	5.3	4.8	6.2	6.2	7.8	13.2
DK	0.0	-1.0	1.2	-1.2	1.5	1.2	1.0	-2.2	-0.3	-1.0	0.5	2.8
DE	0.3	-1.1	0.4	1.8	0.3	1.1	1.1	-0.7	-1.2	1.6	1.3	3.7
EE	1.5	3.3	3.3	3.2	-0.4	0.2	10.4	8.4	9.7	11.9	9.6	6.3
EL	-1.8	1.5	-1.5	2.5	-2.1	3.8	-1.7	0.3	-0.9	0.8	0.5	2.7
ES	0.4	-1.1	0.5	1.6	-0.2	0.7	4.3	-0.5	0.0	1.4	0.9	2.7
FR	0.5	-1.0	0.7	0.5	0.2	1.1	-0.9	-2.2	-0.8	0.8	0.3	2.6
IE	3.8	2.0	0.7	5.4	-4.7	:	0.3	0.2	3.1	12.9	2.7	:
IT	-1.0	-1.1	1.5	-0.1	-0.6	0.2	-0.8	-2.3	-0.7	-0.5	0.1	1.1
CY	7.7	-4.0	2.9	1.0	-1.2	:	14.4	4.1	10.5	7.3	-1.5	:
LV	0.7	2.8	2.7	0.7	3.4	-0.2	8.2	7.4	7.6	7.1	10.3	6.6
LT	12.7	0.1	3.3	3.9	2.3	3.7	17.3	14.7	16.5	21.0	10.1	13.8
LU	1.8	-1.2	2.0	-1.0	:	:	3.3	-2.5	3.7	1.8	:	:
HU	-0.8	3.0	3.6	5.7	1.2	-0.6	2.9	5.2	8.1	12.0	13.9	10.1
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.4	-1.7	0.0	0.0	0.2	-0.3	-2.6	-3.8	-3.8	-2.1	-1.1	0.1
AT	1.6	-0.7	1.3	0.3	3.1	:	3.3	0.3	2.6	2.5	4.1	:
PL	-0.2	4.3	4.6	3.4	6.5	1.3	4.7	9.4	9.5	12.5	20.4	16.8
PT	-1.2	0.2	1.6	-0.2	-2.8	-1.1	-0.9	-3.6	0.9	-0.1	-1.4	-2.2
SI	4.0	-1.4	1.7	3.1	-1.6	1.2	3.2	2.7	2.4	7.7	1.8	4.6
SK	0.8	1.6	1.5	4.3	1.6	-1.6	13.0	8.2	5.5	8.7	9.6	5.6
FI	-0.3	-1.1	1.3	0.9	0.1	2.6	1.0	-1.9	0.8	1.2	0.3	5.4
SE	0.8	1.1	1.5	0.4	1.5	1.3	0.4	3.5	4.2	3.3	4.3	5.0
UK	0.1	0.7	0.2	0.4	-0.1	1.0	-0.7	1.1	0.4	1.5	1.3	1.5
BG	:	:	:	:	:	:	:	:	:	:	:	:
RO	-3.4	3.1	1.2	0.7	1.4	0.2	5.4	7.6	3.5	1.6	6.7	3.5
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 4: Production index for total industry (excluding energy & construction), growth rates (%)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	1.7	-0.4	0.7	-1.2	1.4	0.7	3.1	-0.1	1.3	0.7	0.5	1.7
EU-15	1.8	-0.3	0.5	-1.2	1.4	0.7	3.0	-0.1	1.3	0.7	0.5	1.5
Euro-zone	2.9	-0.7	0.8	-0.2	2.4	-0.7	4.5	2.0	2.1	2.7	2.3	2.3
BE	1.7	7.0	-3.9	-9.3	9.4	9.9	-0.1	9.8	-1.6	-7.0	2.9	5.4
CZ	3.7	-0.1	3.0	-0.7	-1.4	1.9	6.3	5.3	5.5	6.1	0.6	2.8
DK	5.7	2.8	2.0	-7.2	-1.5	8.4	5.7	3.0	8.5	3.1	-4.4	1.3
DE	2.0	1.1	-2.4	0.2	3.6	-0.4	4.7	3.6	0.7	0.7	2.4	1.1
EE	1.1	-1.0	2.7	-6.4	4.2	-0.2	21.1	10.8	12.0	-3.7	-0.7	-0.1
EL	-2.1	8.3	0.0	-3.9	2.5	-2.0	4.3	5.9	8.7	1.9	6.9	-3.5
ES	3.2	0.1	2.9	-0.8	2.3	1.3	0.5	2.1	6.7	5.4	5.6	5.8
FR	3.5	-1.9	1.0	2.4	1.6	-2.1	5.0	0.7	2.4	4.5	3.1	2.0
IE	2.5	-6.6	8.3	2.4	-1.4	:	-0.1	3.8	6.4	6.2	2.2	:
IT	5.0	0.1	1.7	-0.8	0.0	0.1	3.9	3.1	4.1	6.0	1.2	1.0
CY	0.6	7.2	-1.3	-2.6	4.1	:	6.9	7.9	7.8	3.5	7.3	:
LV	-1.0	0.2	1.0	1.2	3.6	1.7	6.7	3.6	4.6	-3.1	9.4	6.7
LT	13.5	-37.9	35.8	25.7	6.4	-28.8	25.0	-15.3	32.9	20.2	12.9	29.0
LU	8.3	0.3	3.1	1.6	:	:	21.4	17.3	15.9	13.9	:	:
HU	3.4	-5.7	0.1	-0.1	4.4	0.8	5.6	-1.0	-2.4	-3.0	-1.5	5.2
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	2.0	-8.1	4.3	5.9	2.8	-3.5	7.1	-9.3	-7.6	2.0	4.8	9.9
AT	2.7	-1.3	-2.9	-3.0	4.7	:	5.6	2.6	-2.4	-4.9	-2.7	:
PL	1.3	-1.4	0.6	0.1	1.3	-0.1	0.7	0.2	0.7	0.3	1.0	2.0
PT	7.1	-0.5	-2.4	2.8	-17.0	3.4	8.4	2.1	2.1	7.1	-17.1	-13.6
SI	4.8	-0.2	-1.1	-3.4	2.8	0.4	3.5	0.3	2.8	-0.9	-1.8	-0.9
SK	-2.4	-6.5	-1.0	0.2	3.6	3.1	4.7	-7.0	-8.7	-8.9	-3.6	6.8
FI	0.8	-3.2	7.3	-5.6	1.0	0.5	14.4	7.8	12.9	-1.3	-0.9	2.7
SE	-2.2	0.6	-2.5	3.2	6.1	0.8	-8.7	-11.2	-6.5	-1.9	6.2	10.4
UK	-0.4	-2.0	-0.8	-1.1	-0.5	1.0	0.1	-4.8	-1.1	-4.3	-4.2	-1.4
BG	6.4	-1.9	5.1	-5.4	4.0	:	8.6	-0.9	5.8	3.3	1.3	:
RO	-1.6	2.7	0.3	-3.3	0.9	0.8	-3.0	-3.1	-1.8	-1.9	0.4	-1.3
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 5: Production index for energy, growth rates (%)

## Production index for the main industrial groupings (MIGs) (continued)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	0.2	-0.4	0.7	1.3	0.3	0.9	1.2	-0.2	-0.3	1.8	1.8	3.2
EU-15	0.3	-0.6	0.6	1.1	0.0	0.8	1.0	-0.5	-0.6	1.4	1.1	2.6
Euro-zone	0.3	-0.7	0.6	1.4	-0.2	0.8	1.2	-0.8	-0.6	1.7	1.0	2.6
BE	-1.6	-8.1	13.4	-0.9	-5.6	-11.7	5.1	-4.1	6.3	1.8	-2.5	-6.3
CZ	-0.7	1.5	2.9	3.2	5.9	3.0	5.9	5.6	6.4	6.5	14.6	16.0
DK	6.5	-3.0	-0.2	0.6	2.6	1.9	8.9	-0.7	2.3	3.3	0.4	5.1
DE	0.2	-0.2	-0.4	2.4	1.0	0.2	1.6	0.4	-1.2	1.9	2.8	3.2
EE	7.6	2.3	5.0	2.5	3.7	-1.6	13.9	13.3	13.9	18.4	14.2	9.8
EL	-14.5	6.4	-7.0	5.5	14.9	-0.3	-12.1	-9.0	-15.8	-10.5	20.0	12.4
ES	1.0	-1.0	-0.4	1.3	0.4	1.4	3.6	2.2	0.8	0.9	0.8	3.0
FR	-0.1	-2.0	0.3	1.0	0.2	1.2	-1.1	-3.9	-3.3	-0.8	-0.7	2.6
IE	6.1	1.4	5.1	9.3	-10.4	:	-0.7	1.3	5.7	23.1	4.2	:
IT	0.4	-2.1	1.0	-0.5	-0.7	1.2	0.7	-1.7	-1.7	-1.3	-2.4	0.9
CY	-2.2	-1.8	0.1	1.5	0.4	:	10.0	1.5	1.7	-2.3	0.3	:
LV	-0.1	2.1	2.6	4.0	4.4	-1.1	8.2	6.1	5.7	8.8	13.8	10.2
LT	10.4	1.6	6.8	3.5	-1.0	7.8	24.2	21.9	24.1	23.7	11.7	17.9
LU	0.1	1.0	3.1	-1.7	:	:	2.1	-2.0	5.4	2.6	:	:
HU	-8.5	4.0	1.1	2.2	6.2	-1.0	-9.2	-3.3	-3.8	-1.9	13.8	8.7
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.5	0.1	-0.2	1.2	0.5	1.5	0.0	-1.8	-2.0	0.4	1.6	3.1
AT	2.4	-0.1	0.9	1.2	2.2	:	4.1	1.8	3.1	4.3	4.4	:
PL	0.4	6.2	2.6	4.1	8.1	3.2	7.1	10.2	9.8	13.5	22.7	19.1
PT	2.3	1.4	1.5	0.1	-1.2	0.9	1.0	-0.9	5.5	5.0	1.9	1.5
SI	1.5	0.0	0.8	3.6	-0.9	3.3	0.4	2.2	-1.5	6.2	3.4	6.7
SK	-0.3	0.2	2.3	4.1	1.0	0.8	13.6	4.1	3.7	6.8	7.8	8.0
FI	-0.7	1.3	0.6	0.8	-0.1	3.9	3.2	2.5	1.7	2.1	2.2	5.2
SE	0.3	0.0	0.9	-0.7	1.2	2.3	0.9	0.8	0.8	0.6	1.3	3.4
UK	-0.4	-0.4	0.0	0.8	0.4	0.3	-0.5	0.6	-1.3	-0.2	1.3	1.9
BG	6.8	2.4	1.4	10.3	13.2	:	28.7	19.9	13.5	22.3	29.5	:
RO	-4.8	4.8	1.1	-0.4	7.3	2.8	8.7	5.9	0.8	0.3	13.3	11.1
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 6: Production index for intermediate goods, growth rates (%)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	0.4	-0.5	0.7	1.9	-0.1	2.3	0.9	-0.3	0.2	2.7	1.9	5.0
EU-15	0.3	-0.7	0.6	1.8	-0.4	2.0	0.7	-0.7	-0.3	2.1	1.1	4.1
Euro-zone	0.3	-1.3	0.6	2.0	-0.6	2.0	0.9	-1.8	-1.3	1.8	0.4	4.1
BE	2.8	4.7	-10.5	2.8	7.0	-3.0	-3.4	-3.9	-11.0	-1.1	3.6	-4.6
CZ	3.5	-1.8	3.6	2.4	2.8	6.8	11.0	6.1	6.9	6.7	5.1	19.6
DK	-2.2	-1.1	-0.7	-1.8	7.2	2.9	0.2	0.1	-2.7	-6.4	3.1	7.2
DE	1.4	-2.6	0.6	3.4	-1.1	2.8	2.9	-1.2	-1.1	2.7	0.5	5.8
EE	-4.7	7.9	1.7	12.6	-8.1	-0.1	12.1	11.7	8.1	17.7	12.4	5.1
EL	-13.8	13.1	-0.8	-1.7	-5.5	5.7	-7.2	3.1	2.2	-4.6	2.5	-2.8
ES	-0.6	-0.3	0.1	2.9	-1.0	1.5	0.3	0.4	-2.3	3.2	1.3	3.6
FR	1.5	-0.5	0.8	1.0	-0.6	2.1	-0.6	-1.7	0.2	3.7	0.4	4.3
IE	1.2	5.6	2.6	4.6	-5.3	:	6.4	14.1	10.3	14.5	7.5	:
IT	-1.9	-1.5	1.7	0.3	-1.6	0.4	-1.7	-3.4	-1.8	-0.6	-1.2	0.7
CY	-21.2	-6.5	-0.7	-2.6	6.1	:	0.6	-17.4	-19.6	-28.8	-3.9	:
LV	6.7	5.5	3.5	-0.7	-3.8	2.9	15.7	22.3	28.3	16.2	3.4	1.5
LT	2.9	7.3	9.4	6.2	-4.6	11.9	17.1	17.2	25.2	25.8	22.6	23.4
LU	2.9	-7.3	-7.3	9.6	:	:	5.4	-6.3	-13.1	-3.7	:	:
HU	1.9	2.7	3.2	6.7	-1.2	5.4	9.5	7.0	9.8	14.6	11.5	14.2
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-2.5	-0.6	-2.7	1.4	-1.1	0.7	-2.7	-4.3	-4.9	-4.5	-2.9	-1.6
AT	0.8	-2.0	1.8	1.4	8.2	:	4.9	-2.3	3.4	1.7	10.4	:
PL	3.1	8.8	7.2	9.0	19.3	3.2	5.4	16.6	21.4	31.2	48.6	45.2
PT	-5.8	-2.6	-0.3	0.2	-1.3	-1.3	-5.8	-11.3	-7.7	-8.0	-3.7	-2.7
SI	10.9	-2.5	7.1	-1.7	-1.4	1.6	11.9	8.6	18.4	13.0	1.0	4.9
SK	1.7	7.9	7.1	7.1	-2.2	2.0	9.9	14.6	19.9	26.5	21.1	14.1
FI	-1.2	-2.6	0.7	-0.3	-1.0	6.3	0.0	-6.5	-2.9	-3.1	-3.8	5.9
SE	-3.2	4.1	0.9	2.6	2.6	2.7	-1.2	3.5	7.5	4.7	10.5	9.2
UK	1.3	1.6	0.8	1.0	-1.8	2.9	0.3	4.6	3.2	4.2	1.8	2.0
BG	10.2	-2.4	-4.4	17.1	5.9	:	27.3	10.8	-1.0	23.2	18.0	:
RO	0.3	2.6	-1.5	-0.4	3.0	4.1	4.7	4.4	3.8	1.0	3.9	5.4
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 7: Production index for capital goods, growth rates (%)

## Production index for the main industrial groupings (MIGs) (continued)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	-1.4	-0.7	1.9	0.7	0.8	0.5	-4.3	-4.1	-1.2	0.5	2.8	4.1
EU-15	-2.0	-1.1	1.5	0.2	0.6	0.5	-5.5	-5.3	-2.8	-1.4	1.3	3.0
Euro-zone	-2.0	-1.5	1.6	0.4	0.7	0.1	-5.9	-6.2	-3.6	-1.5	1.4	2.9
BE	-1.9	-7.2	3.7	-2.2	-2.9	-0.2	-8.0	-12.7	-10.0	-6.9	-9.1	-1.2
CZ	0.0	4.9	1.6	2.3	13.2	-6.4	-7.0	-3.4	-0.3	7.5	26.5	9.8
DK	-0.9	-1.4	2.3	-2.0	1.6	2.7	-8.1	-6.2	-3.6	-3.0	0.0	4.7
DE	-2.3	-3.3	3.3	0.2	-0.2	2.0	-7.1	-7.2	-4.4	-2.3	-0.2	5.4
EE	0.3	-1.8	-6.6	0.8	6.6	-1.8	8.0	4.8	-7.5	-6.7	-1.3	-1.3
EL	5.0	-6.5	7.7	-2.3	1.0	10.0	-4.1	-5.4	1.9	2.9	1.4	17.3
ES	1.4	0.8	-1.7	-1.8	1.5	2.0	-1.9	0.8	-1.7	-2.2	-1.6	0.5
FR	-1.9	-0.3	-1.5	-3.0	2.6	1.9	-3.9	-5.2	-5.6	-6.1	-0.3	2.6
IE	5.5	1.0	-5.6	9.9	-15.1	:	-4.9	4.1	-2.0	10.8	-11.5	:
IT	-5.4	0.2	4.3	1.0	2.0	-2.7	-6.6	-7.7	-1.9	0.3	8.4	3.9
CY	5.6	-3.9	8.1	-2.6	-1.7	:	15.7	-3.0	10.5	6.8	-0.3	:
LV	3.8	0.2	-3.8	-0.2	3.0	6.5	9.9	12.4	1.0	-0.5	-1.0	5.8
LT	5.0	3.5	5.6	5.2	20.0	-3.3	19.4	19.4	18.0	21.3	38.4	29.0
LU	c	c	c	c	:	:	c	c	c	c	:	:
HU	19.2	9.5	10.7	16.3	-1.7	-0.3	40.3	49.3	58.9	67.6	39.5	26.5
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-1.0	-3.9	-0.6	-0.6	1.0	-3.5	-6.6	-10.3	-11.3	-6.2	-3.9	-3.7
AT	0.5	1.5	-2.1	-0.9	1.9	:	-7.5	-0.6	-4.4	-1.8	-0.2	:
PL	8.3	6.3	11.4	5.0	6.0	5.3	22.3	22.8	31.9	35.4	31.7	30.3
PT	-10.3	11.1	2.6	-3.4	-6.7	8.2	1.9	0.4	1.6	-1.2	2.7	0.3
SI	16.1	-10.1	6.2	-0.1	-14.0	-0.1	11.9	-1.8	11.9	11.4	-17.3	-8.9
SK	0.1	-3.7	-1.5	1.3	16.6	-10.9	52.1	26.8	-10.7	-5.7	15.6	5.1
FI	-2.5	11.3	45.9	4.0	-29.5	3.7	-13.1	-7.7	50.3	64.4	19.6	10.9
SE	2.7	0.7	2.0	-3.3	-0.4	1.0	-0.3	0.8	4.6	1.7	-1.4	-0.7
UK	-2.9	0.7	1.1	0.1	0.4	2.4	-4.1	-1.6	0.0	-1.0	1.3	3.6
BG	21.1	5.9	9.4	10.6	12.8	:	64.1	52.6	48.1	55.2	44.4	:
RO	2.0	0.2	2.3	5.0	-5.0	7.8	23.8	9.6	4.7	10.0	2.2	10.1
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 8: Production index for consumer durables, growth rates (%)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	-0.1	0.1	0.6	0.0	0.1	0.0	-0.1	-0.1	1.0	0.7	0.9	0.7
EU-15	-0.1	-0.1	0.7	-0.1	0.0	0.0	-0.3	-0.5	0.7	0.5	0.6	0.6
Euro-zone	-0.2	-0.3	0.7	-0.1	0.1	0.0	0.1	-0.6	0.8	0.1	0.5	0.8
BE	11.7	-3.4	2.5	2.2	-0.5	0.4	11.0	6.8	10.6	13.4	0.3	4.4
CZ	0.9	1.0	1.2	0.8	0.4	0.8	1.6	3.0	5.0	4.7	2.4	3.1
DK	-1.8	0.0	2.0	0.0	-3.4	-2.1	-3.5	-4.8	-0.5	0.1	-1.5	-3.6
DE	-0.6	0.3	-0.4	0.4	-0.1	0.1	-1.6	-0.4	-0.8	-0.4	0.3	0.0
EE	-0.2	2.2	4.2	-0.1	-1.5	2.4	6.7	3.1	8.8	5.9	4.9	4.7
EL	-4.2	3.0	-4.4	3.9	-1.0	2.8	-0.6	2.4	-2.8	-1.8	1.4	1.2
ES	-0.8	0.8	0.0	-1.3	0.5	0.0	1.0	1.9	0.6	-1.7	0.2	-0.8
FR	-0.2	-0.3	1.2	-0.8	0.8	-0.7	-0.5	-0.1	1.7	0.0	1.0	1.1
IE	-1.5	-4.1	1.5	1.0	4.9	:	7.8	-8.2	-0.3	-3.1	3.5	:
IT	-0.1	0.1	1.5	-0.8	0.9	-0.6	-0.6	-0.9	1.9	0.7	1.7	1.1
CY	22.2	-5.0	4.2	3.3	-4.9	:	20.2	10.1	20.3	24.6	-2.8	:
LV	-1.3	2.9	1.5	0.6	1.6	0.9	1.5	3.7	3.6	3.4	6.8	4.9
LT	16.0	-3.8	-2.5	1.8	-1.2	2.7	12.7	6.7	3.8	10.7	-6.2	0.7
LU	3.8	-2.7	5.0	-3.3	:	:	5.8	-1.5	9.0	2.7	:	:
HU	-2.2	0.9	4.0	-2.7	-0.3	-2.5	-3.1	-2.2	3.1	-0.2	1.9	-1.6
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.5	-2.0	0.3	0.2	-1.3	-0.4	-3.5	-4.7	-3.6	-2.1	-2.7	-1.3
AT	1.8	-1.1	1.3	-1.4	-1.5	:	2.7	0.8	2.1	1.1	-3.2	:
PL	0.1	1.9	1.8	2.1	3.1	-3.0	2.8	10.9	5.9	6.0	10.4	4.7
PT	-2.5	-2.2	2.4	-0.4	-1.6	-0.5	-1.8	-4.4	-1.9	-3.1	-2.0	-0.3
SI	-0.1	1.6	-2.5	6.4	1.4	0.2	-0.9	1.2	-3.3	5.4	7.0	5.4
SK	-0.5	3.2	-5.9	-5.6	4.5	-6.9	5.2	4.3	-4.5	-8.2	-4.4	-13.5
FI	-0.3	-0.7	1.3	0.3	-2.4	1.2	-1.9	-3.1	0.2	0.8	-1.7	0.3
SE	2.8	1.7	-1.3	0.8	-0.8	2.3	0.4	6.8	3.7	3.7	0.0	1.6
UK	0.7	0.1	0.9	0.0	-0.5	-0.1	-1.4	-0.6	0.3	1.3	1.1	0.2
BG	6.2	8.0	5.2	3.6	4.2	:	16.5	17.6	25.4	25.3	23.1	:
RO	-1.1	5.8	0.2	-2.8	-2.0	-1.1	0.2	10.5	5.8	1.9	0.7	-5.7
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 9: Production index for consumer non-durables, growth rates (%)

## Production index for industrial NACE Divisions in the EU

EU-25		Weight in total industry (%)	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
			Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
NACE Rev. 1 heading (code)														
Total industry	C-E	100.0	0.3	-0.4	0.7	0.9	0.4	0.9	0.9	-0.3	0.3	1.7	1.6	3.1
Mining of coal and lignite	10	0.6	-0.4	-1.2	-2.2	5.0	-2.3	-2.2	-2.5	-4.6	-5.8	1.1	-0.8	-1.9
Extr. petroleum / natural gas	11	2.7	-0.8	-4.7	0.5	-1.5	-1.1	1.2	1.8	-8.5	-3.2	-6.4	-6.5	-1.0
Mining of metal ores	13	0.1	-5.2	-4.6	3.1	1.2	0.8	1.6	0.3	0.7	0.9	-6.6	1.1	6.7
Other non-metallic mining	14	0.7	1.3	0.7	-2.3	0.9	-0.7	-1.9	-1.6	1.6	-0.4	0.7	-1.6	-4.0
Food and beverages	15	9.5	-0.5	0.1	0.8	-0.3	0.9	0.0	0.7	0.6	1.7	0.0	1.7	1.4
Tobacco	16	0.6	-2.0	-0.8	-3.7	-0.7	-0.1	-2.6	-4.6	-5.0	-7.0	-7.0	-4.9	-6.9
Textiles	17	2.2	0.1	-2.7	-0.4	-0.2	-2.5	0.5	-1.5	-4.6	-4.3	-3.1	-5.8	-2.5
Clothing	18	1.5	-1.5	-0.7	0.9	-2.0	-1.3	0.2	-10.6	-6.6	-2.3	-3.5	-3.8	-1.9
Leather products	19	0.7	-1.1	-3.7	-1.7	-2.3	-2.9	-2.8	-7.2	-9.8	-9.0	-8.4	-9.9	-9.5
Wood products	20	1.8	-1.0	0.4	1.4	0.7	1.8	0.0	1.4	-0.2	0.4	1.3	4.4	3.9
Pulp & paper	21	2.7	0.5	0.4	0.4	1.5	1.0	1.3	2.5	1.6	1.4	2.7	3.2	4.2
Publishing & printing	22	5.4	-1.2	0.5	0.5	0.7	0.8	-0.4	-1.2	-0.9	-0.6	0.6	2.9	1.6
Refined petroleum prod.	23	1.9	2.3	-0.8	2.1	0.0	2.3	1.9	0.7	0.3	2.7	3.6	3.3	6.3
Chemicals	24	9.2	2.1	-0.3	0.8	1.9	-1.0	1.0	2.7	0.9	1.0	5.1	1.5	2.7
Rubber & plastics	25	4.0	0.4	0.1	1.6	1.1	0.5	0.7	1.5	0.2	1.9	3.4	3.2	3.9
Non-metallic minerals	26	4.0	0.0	0.6	0.7	1.1	0.4	0.5	-0.6	-0.4	0.8	2.3	2.7	2.7
Basic metals	27	3.5	-0.2	-1.6	0.6	1.5	1.3	1.6	1.5	-1.3	-1.8	0.2	1.7	5.0
Metal products	28	7.9	-0.6	-0.5	1.3	1.0	0.5	1.3	0.3	-1.0	-0.2	1.4	2.9	4.2
Machinery	29	9.3	-1.1	-1.2	1.2	1.1	0.7	1.9	-0.4	-2.4	-0.9	0.0	1.7	5.1
Office machinery	30	0.9	3.5	-0.7	1.9	0.5	-3.6	0.4	-5.5	-3.0	2.2	6.2	-3.2	-0.7
Electrical machinery	31	4.4	-1.2	-0.5	-0.1	1.9	1.3	1.9	-0.9	-1.3	-3.1	0.1	2.7	5.4
Radio/TV/communication	32	3.6	2.2	-1.3	2.5	1.4	0.8	1.4	0.7	-1.7	1.9	5.5	3.4	6.3
Medical and optical	33	2.7	1.9	-0.6	0.5	1.5	-0.3	1.3	3.1	1.7	1.4	3.5	0.8	3.2
Motor vehicles	34	6.5	0.9	-0.6	0.3	3.1	0.6	2.9	4.4	1.8	0.2	4.3	3.1	7.4
Other transport	35	2.5	1.9	1.4	-0.3	3.0	-2.3	2.1	0.9	3.6	4.1	6.6	1.0	2.5
Furniture & other manf.	36	2.9	0.4	-0.6	0.6	-0.4	1.2	0.1	-3.4	-3.4	-0.9	-0.3	0.9	1.6
Elec./gas/hot water	40	7.0	2.8	0.2	1.0	-1.2	1.7	-0.7	4.4	2.7	3.1	2.7	1.8	0.9
Water	41	0.8	0.5	1.2	4.3	1.4	-0.3	-0.1	0.4	1.3	4.3	1.4	-0.4	-0.1

EURO-ZONE		Weight in total industry (%)	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
			Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
NACE Rev. 1 heading (code)														
Total industry	C-E	100.0	0.4	-0.7	0.6	1.0	0.1	0.8	0.9	-0.8	-0.3	1.4	1.0	2.7
Mining of coal and lignite	10	0.5	-3.0	3.7	-2.8	4.5	-1.1	-4.8	-2.5	-4.4	-6.6	2.2	4.5	-4.6
Extr. petroleum / natural gas	11	0.9	1.4	-8.6	6.0	4.0	-0.1	-4.4	5.7	-8.3	-6.9	1.8	0.7	5.2
Mining of metal ores	13	0.0	-15.2	-5.0	1.2	3.9	-2.7	12.1	-12.1	-19.2	-21.8	-15.7	-2.6	14.7
Other non-metallic mining	14	0.6	3.6	0.7	-4.1	3.2	-0.1	-5.5	0.5	3.3	-0.2	3.4	-0.8	-6.7
Food and beverages	15	9.1	-0.8	0.4	0.8	-0.6	1.2	-0.1	0.5	0.6	1.7	-0.4	1.8	1.3
Tobacco	16	0.4	-2.5	-3.5	-5.0	-2.2	-1.6	-4.5	-1.3	-5.8	-11.4	-11.9	-11.2	-12.6
Textiles	17	2.4	-0.5	-3.3	-0.6	-0.4	-2.4	0.8	-1.6	-5.6	-5.7	-4.7	-6.6	-2.5
Clothing	18	1.5	-1.7	-1.1	0.7	-1.6	-0.8	0.7	-10.8	-6.8	-3.0	-3.9	-3.6	-0.3
Leather products	19	0.9	-1.3	-2.8	-1.1	-2.5	-2.2	-2.8	-6.5	-9.3	-7.6	-7.6	-8.2	-8.5
Wood products	20	1.8	-0.8	-0.1	1.3	0.7	1.5	-0.7	1.5	-1.2	0.4	1.0	3.6	2.7
Pulp & paper	21	2.6	0.8	0.0	0.8	1.3	0.9	1.4	3.2	0.7	2.2	3.0	3.0	4.5
Publishing & printing	22	4.9	-0.8	0.8	0.7	0.7	2.0	-0.3	-1.2	-0.7	-0.1	1.4	4.5	3.1
Refined petroleum prod.	23	1.9	3.9	0.1	1.7	-0.2	1.9	2.1	2.6	1.5	4.2	5.5	3.4	5.6
Chemicals	24	9.8	2.6	-0.9	0.7	2.1	-1.7	1.2	2.9	0.2	0.7	4.8	0.4	2.3
Rubber & plastics	25	4.1	0.0	-0.5	1.5	1.1	0.4	0.9	1.5	-0.7	1.1	2.3	2.4	3.9
Non-metallic minerals	26	4.3	-0.3	-0.1	-0.3	1.2	0.3	0.3	-1.2	-1.7	-1.1	0.4	1.0	1.6
Basic metals	27	3.7	-0.1	-1.7	0.1	2.1	0.8	1.5	1.6	-2.1	-2.7	0.4	1.2	4.6
Metal products	28	8.4	-0.5	-0.9	1.6	1.2	0.8	0.2	0.5	-1.7	-0.6	1.4	2.7	3.8
Machinery	29	10.0	-1.6	-2.1	1.0	1.1	0.5	1.6	-0.6	-3.8	-2.4	-1.4	0.7	4.5
Office machinery	30	0.9	2.4	-0.1	2.1	2.2	-1.3	1.2	-6.9	-4.0	0.1	7.6	1.9	4.4
Electrical machinery	31	4.7	-0.3	-0.5	-0.1	1.7	0.5	2.3	0.1	-1.1	-2.9	0.8	1.6	4.8
Radio/TV/communication	32	3.6	1.6	-1.7	3.0	1.0	0.0	1.0	1.1	-1.7	3.1	4.7	1.3	4.9
Medical and optical	33	2.8	2.5	-1.2	0.3	2.1	-0.6	0.5	3.1	0.2	-0.1	4.1	0.7	2.1
Motor vehicles	34	7.1	1.3	-2.5	-0.1	3.6	-0.6	3.5	4.4	-0.7	-2.4	2.7	0.5	6.8
Other transport	35	2.1	1.5	2.3	1.0	0.7	-5.1	1.7	-2.0	1.9	4.4	5.9	-1.8	-1.9
Furniture & other manf.	36	2.9	0.3	-1.2	-0.3	0.3	1.2	-0.4	-5.1	-5.9	-3.4	-1.1	0.2	1.0
Elec./gas/hot water	40	7.0	3.3	0.1	0.8	-1.5	2.4	-0.9	5.0	3.1	3.3	2.6	1.8	0.8
Water	41	0.7	:	:	:	:	:	:	:	:	:	:	:	:

Table 10: Production index for selected NACE Divisions in the EU, growth rates (%)

## Production index for industrial NACE Divisions in the EU (continued)

A more detailed study of the evolution of industrial production broken down at the NACE 2-digit division level, shows that the majority of the industrial activities within the EU recorded an increase in output in the second quarter of 2004, both in terms of a comparison with the previous quarter and the same quarter of a year before. Among the three largest NACE divisions, machinery and equipment recorded the highest growth rates, as output expanded by 1.9 % compared with the first quarter of 2004 and by 5.1 % compared with the second quarter of 2003. In contrast, the output of food products and beverages in the EU-25 was stable in the second quarter of 2004 when compared with the previous quarter, although there was a modest expansion in the level of output when compared with the second quarter of 2003, up 1.4 %.

On basis of a comparison between the second quarter of 2004 and the previous quarter, there were seven industrial NACE divisions that registered a reduction in their level of output within the EU-25. Of these, there were three NACE divisions that reported reductions in output that were in larger than 2 %: the manufacture of leather products (-2.8 %), tobacco products (-2.6 %) and the mining of coal and lignite (-2.2 %). At the other end of the range, the highest growth in output in the EU-25 was recorded for the manufacture of motor vehicles, where output rose by 2.9 % between the first and second quarters of 2004.

On the basis of an annual comparison between the second quarters of 2003 and 2004, the production index decreased at its most rapid pace within the

manufacture of leather products, where EU-25 output declined by 9.5 %; this was followed by a reduction of 6.9 % for tobacco processing and 4.0 % for other non-metallic mining. The fastest growing activities between the second quarters of 2003 and 2004 were led by the manufacture of motor vehicles (7.4 %), the mining of metal ores (6.7 %), refined petroleum production and radio, TV and communications equipment (both 6.3 %).

Annual reductions in output were generally more pronounced in the euro-zone than they were for the EU as a whole. For example, the processing of tobacco saw its output decline by 12.6 %, while the reduction was 8.5 % for leather products and 6.7 % for other non-metallic mining.

## Production index for three largest NACE Divisions within total industry (excluding construction)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	-0.5	0.1	0.8	-0.3	0.9	0.0	0.7	0.6	1.7	0.0	1.7	1.4
EU-15	-0.5	-0.1	0.8	-0.5	0.8	0.1	0.7	0.3	1.4	-0.2	1.2	1.3
Euro-zone	-0.8	0.4	0.8	-0.6	1.2	-0.1	0.5	0.6	1.7	-0.4	1.8	1.3
BE	-0.1	0.4	2.3	-0.3	2.0	8.9	3.9	3.1	4.1	2.0	4.8	13.5
CZ	0.3	1.8	0.8	-0.6	0.2	-0.1	0.8	3.7	3.9	2.2	1.8	0.1
DK	8.3	-6.4	-0.1	3.7	-2.5	-0.5	16.3	0.5	5.6	4.9	-4.6	0.7
DE	-1.2	2.1	-0.6	-0.6	4.1	-1.2	-0.4	2.4	0.2	0.0	2.5	0.7
EE	-1.8	-0.2	3.4	0.8	1.5	3.0	2.7	-2.0	3.2	2.2	6.1	8.2
EL	-5.7	1.3	-5.5	5.7	-1.6	2.2	-3.4	-0.3	-5.8	-4.3	-0.4	0.3
ES	-2.3	2.2	1.5	0.0	-0.1	1.0	4.9	0.9	3.8	1.4	3.3	2.3
FR	-0.8	-0.2	0.9	-2.3	2.0	-0.6	-0.3	-0.6	2.0	-3.5	0.3	-0.4
IE	2.7	1.2	3.7	2.0	2.0	:	-3.4	-0.1	8.9	10.4	8.7	:
IT	-1.0	-0.3	1.3	0.6	-0.3	-1.5	2.2	0.9	2.9	0.6	1.2	0.0
CY	5.1	-3.0	3.8	3.8	-4.7	:	2.9	-5.0	3.5	11.7	-1.3	:
LV	-2.8	6.4	1.3	-0.9	4.9	-1.0	3.8	8.1	8.8	3.7	12.1	4.0
LT	9.6	-0.3	-1.4	3.3	-0.2	6.9	11.1	7.3	10.3	11.6	1.5	8.4
LU	-2.4	-3.6	4.8	-4.4	:	:	-2.2	-8.0	4.6	-5.7	:	:
HU	-1.3	1.4	1.0	-1.8	2.8	-6.6	-1.7	-2.3	2.1	-2.0	3.5	-5.2
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.1	-1.1	-0.3	0.6	-1.6	c	-2.6	-2.9	-3.0	-0.8	-2.3	c
AT	-2.0	0.6	1.1	-3.3	1.5	:	0.4	0.4	1.4	-4.1	0.3	:
PL	-0.4	2.8	1.2	1.5	3.7	-3.2	0.9	8.3	5.2	5.1	10.6	4.4
PT	-2.8	-0.9	5.9	-1.7	0.8	1.2	0.1	-4.1	3.1	-1.2	3.6	5.8
SI	-0.4	2.5	5.1	-3.8	1.6	:	-2.7	2.2	8.6	3.1	5.2	:
SK	0.2	1.3	-0.7	-5.8	4.5	-0.9	1.3	3.4	-1.1	-4.6	-1.0	-3.1
FI	0.3	-0.5	1.3	0.8	-1.9	1.0	0.0	-0.6	2.8	2.0	-0.1	1.2
SE	-1.7	1.5	-2.3	1.0	0.2	-0.2	-8.2	-0.8	-5.8	-0.8	0.2	-0.6
UK	0.7	-0.8	0.8	-0.4	-0.2	0.8	0.3	-0.9	0.3	-0.4	0.1	1.4
BG	4.3	13.0	1.6	6.6	4.7	:	7.0	23.8	21.8	28.2	29.0	:
RO	-3.5	5.3	0.8	-3.5	-3.0	-1.2	-1.3	11.3	10.7	-0.8	-1.8	-7.2
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 11: Production index for food products and beverages, growth rates (%)

**Production index for the three largest NACE Divisions within total industry  
(excluding construction) (continued)**

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	-1.1	-1.2	1.2	1.1	0.7	1.9	-0.4	-2.4	-0.9	0.0	1.7	5.1
EU-15	-1.2	-1.3	1.0	1.1	0.7	1.9	-0.6	-2.7	-1.5	-0.5	1.3	4.7
Euro-zone	-1.6	-2.1	1.0	1.1	0.5	1.6	-0.6	-3.8	-2.4	-1.4	0.7	4.5
BE	-1.3	-1.1	4.3	0.2	1.7	0.4	-0.4	-5.1	-0.6	2.8	5.9	6.4
CZ	3.9	-0.3	2.3	-2.2	-0.8	4.2	5.1	5.7	12.3	3.3	-2.6	4.1
DK	-3.0	-2.0	1.8	1.5	8.7	9.0	-5.3	-4.4	-1.6	-2.5	8.9	21.2
DE	-0.3	-2.7	1.5	1.1	0.4	2.1	-1.0	-3.8	-1.8	-0.5	0.4	5.0
EE	-8.6	12.0	6.0	17.4	-6.4	-6.5	-7.1	-8.5	-2.6	27.1	29.5	9.1
EL	-5.2	-1.2	-3.5	-7.1	6.8	11.1	1.3	4.8	-5.0	-17.0	-4.4	7.4
ES	-2.8	0.1	0.1	4.0	1.3	-1.1	-0.9	-2.4	-1.6	1.6	5.6	4.3
FR	-0.8	-1.8	-0.7	0.1	1.0	0.5	0.9	-3.4	-3.6	-1.4	-0.5	4.1
IE	0.6	0.8	-8.3	0.1	2.5	:	3.5	1.9	-6.4	-6.6	-5.9	:
IT	-3.6	-2.5	0.6	0.0	0.9	1.4	-0.1	-3.6	-4.3	-4.7	-0.8	3.0
CY	-2.9	1.5	1.3	11.6	-12.6	:	-11.0	-15.2	-12.5	12.3	-0.2	:
LV	2.1	13.6	-1.9	12.2	-14.3	3.7	10.4	22.7	14.9	35.3	6.9	-3.3
LT	-6.6	6.3	0.2	-2.6	12.3	-1.9	11.7	6.8	0.0	-3.4	19.0	6.8
LU	11.1	-11.0	-11.0	4.9	:	:	15.4	-4.7	-17.9	-7.2	:	:
HU	-5.1	-1.1	5.4	5.6	0.0	-2.5	2.7	-2.0	3.9	4.4	10.4	8.5
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-4.8	-0.2	-0.6	0.3	0.9	c	-4.5	-6.7	-4.9	-5.0	0.5	c
AT	1.0	0.2	2.1	0.0	6.6	:	2.0	-4.9	5.7	3.2	9.1	:
PL	2.9	5.8	10.5	4.8	4.5	3.0	6.2	8.3	19.5	26.2	27.9	24.7
PT	-3.1	-2.7	0.7	-2.3	1.1	-1.4	-2.1	-5.3	-3.9	-7.0	-3.1	-2.0
SI	14.3	-8.6	4.8	3.4	-6.7	:	10.5	0.0	8.6	13.3	-7.7	:
SK	-2.3	1.4	3.6	6.2	8.2	10.0	18.0	11.4	9.9	5.3	18.5	31.7
FI	-1.0	-0.9	2.5	4.6	-1.7	7.4	-4.6	-4.2	-1.0	5.7	3.8	13.2
SE	4.1	0.4	1.5	-3.4	2.0	0.5	8.7	8.5	8.6	2.1	0.2	0.5
UK	0.5	2.8	1.1	1.4	-1.9	4.5	-2.8	1.3	2.1	5.5	4.4	4.7
BG	21.0	-16.2	2.1	4.6	19.4	:	37.5	3.2	3.9	9.3	9.8	:
RO	-4.3	-11.8	4.3	7.5	-4.0	6.8	-5.6	-14.7	-5.3	-4.8	-4.7	15.4
TR	:	:	:	:	:	:	:	:	:	:	:	:

Table 12: Production index for machinery and equipment, growth rates (%)

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	2.2	-0.3	0.8	1.9	-1.0	1.0	2.7	0.9	1.0	5.1	1.5	2.7
EU-15	2.1	-0.4	0.7	2.0	-1.0	0.9	2.5	0.5	0.8	4.9	1.3	2.6
Euro-zone	2.4	-0.8	0.8	1.8	-1.6	1.2	2.9	0.2	0.7	4.8	0.4	2.3
BE	6.6	-2.2	4.2	3.2	-3.6	-1.7	7.6	-0.1	5.2	12.7	1.4	1.7
CZ	4.1	1.5	1.0	1.6	4.5	2.0	7.3	8.4	5.0	7.2	9.8	9.4
DK	-1.6	0.9	4.1	-1.3	-6.1	-10.5	-2.3	-6.7	-1.7	2.1	-2.9	-14.0
DE	2.7	-0.9	-2.0	1.6	0.3	-0.9	1.5	0.9	-2.3	1.3	-1.3	-1.0
EE	5.5	13.8	5.2	5.0	2.9	-1.1	-4.3	10.8	14.9	34.3	29.8	11.0
EL	-0.2	0.6	3.9	1.0	0.5	6.5	8.1	5.8	10.5	5.5	5.5	12.5
ES	2.7	-1.8	1.5	-2.6	0.0	0.6	10.7	3.7	3.7	-0.5	-3.0	-0.5
FR	2.9	-1.6	1.3	1.3	0.1	1.8	1.8	1.8	1.9	5.4	1.6	5.7
IE	4.8	-2.6	4.4	11.9	-11.4	:	1.3	-3.8	1.8	18.0	1.2	:
IT	-1.5	-0.7	1.1	-1.1	2.9	-0.7	0.2	-3.0	-1.8	-2.5	2.2	2.1
CY	-3.5	1.5	-1.0	2.0	0.7	:	-4.1	-2.2	-5.4	-1.1	3.3	:
LV	-12.4	-10.3	27.0	-5.2	11.4	6.0	-5.7	-25.4	-9.8	-5.0	20.4	42.4
LT	-2.2	-6.8	6.8	-3.7	-10.3	15.4	9.8	13.3	-5.0	-6.9	-14.1	7.6
LU	2.7	-5.0	0.2	-2.9	:	:	15.1	-12.9	-1.6	-4.3	:	:
HU	2.7	0.0	6.5	-0.6	3.8	-0.9	6.3	2.8	9.8	9.5	8.6	8.9
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	1.4	0.3	0.0	1.8	0.0	1.2	7.3	2.3	4.0	3.4	2.0	3.1
AT	7.7	-1.8	-1.0	5.6	-1.9	:	3.7	1.8	-0.3	10.6	0.5	:
PL	2.7	4.1	1.1	2.1	2.7	2.1	13.2	16.9	9.0	9.9	10.0	8.3
PT	1.8	-1.5	3.0	1.1	-1.3	-2.9	5.7	2.1	4.5	4.2	1.3	-0.3
SI	19.0	2.9	-17.6	39.6	-11.5	:	21.0	28.2	-6.1	40.3	4.9	:
SK	0.9	-10.1	0.0	-1.3	1.3	-6.5	12.7	-12.6	-9.0	-10.6	-10.0	-6.6
FI	2.2	-3.2	1.9	-1.3	-1.9	3.3	1.3	0.3	-0.5	-0.7	-4.6	1.8
SE	3.4	2.1	1.7	1.6	0.6	2.3	6.8	12.1	11.6	10.5	2.6	7.2
UK	0.4	0.9	1.2	2.2	1.7	0.8	-0.5	0.9	0.0	4.6	6.7	4.9
BG	2.3	5.7	2.3	-4.2	0.8	:	9.9	11.7	17.0	6.0	4.6	:
RO	-9.8	3.9	-1.6	7.3	20.0	-5.9	13.7	16.2	-3.8	-1.5	32.1	19.8
TR	:	:	:	:	:	:	:	:	:	:	:	:

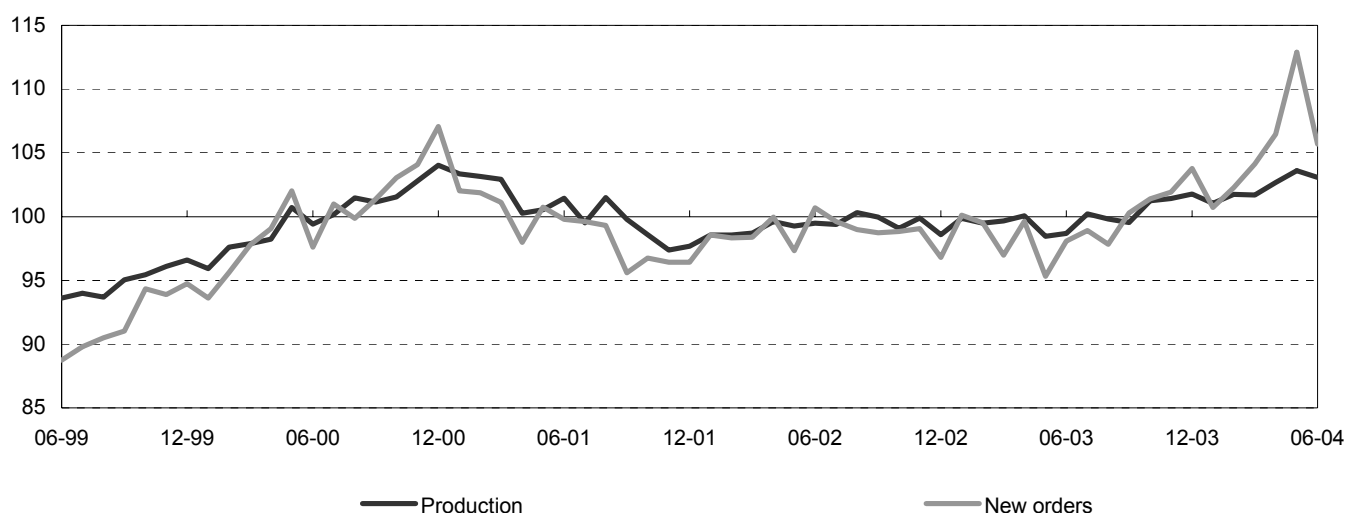
Table 13: Production index for chemicals and chemical products, growth rates (%)



## Manufacturing industries working on orders

After registering no change in the first quarter of 2004, the index of new orders rose in the second quarter of 2004 in both the EU-25 and the euro-zone, with gains of 5.8 % and 6.0 % respectively. As can be seen in *Figure 2* the rapid acceleration of the EU-25 new orders index was most pronounced in April and May 2004, while new orders decreased in June 2004.

A breakdown by activity reveals that almost all activities posted positive developments for the growth of the new orders index between the first and second quarters of 2004 in the EU-25. Indeed, only radio, TV and communications equipment registered a fall (-3.3 %) in new orders among the nine NACE divisions for which data are available. The most rapid increase was recorded for other transport equipment (41.4 %).



*Figure 2: Monthly new orders and production indices for manufacturing industries working on orders, seasonally adjusted, EU-25 (2000=100)*

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
EU-25	0.7	-1.2	1.4	3.4	0.0	5.8	1.0	-2.2	0.2	4.3	4.9	11.0
EU-15	0.7	-1.5	1.2	3.5	0.3	5.6	0.8	-2.6	-0.4	3.9	4.8	11.1
Euro-zone	0.7	-1.5	1.0	3.9	0.0	6.0	0.9	-2.7	-0.7	4.1	4.6	11.4
BE	-0.5	-1.5	0.0	2.2	1.7	1.5	-1.4	-4.4	-3.9	-0.1	2.9	5.7
CZ	4.2	-1.0	2.9	-1.4	-5.6	1.0	5.2	9.8	11.6	5.8	-10.5	-0.6
DK	-2.5	-0.8	6.8	-3.4	-2.4	3.2	2.0	-6.8	3.8	-1.5	1.1	3.9
DE	1.2	-2.2	1.2	3.3	1.0	2.8	3.0	-3.5	-0.1	4.0	5.1	10.1
EE	:	:	:	:	:	:	:	:	:	:	:	:
EL	:	:	:	:	:	:	:	:	:	:	:	:
ES	c	c	c	c	c	c	c	c	c	c	c	c
FR	1.9	-1.3	0.4	3.5	0.6	17.3	0.5	-1.7	-2.3	5.0	3.0	23.7
IE	:	:	:	:	:	:	:	:	:	:	:	:
IT	-3.8	0.1	0.4	3.6	0.1	:	-5.0	-4.4	-4.8	0.5	5.2	:
CY	:	:	:	:	:	:	:	:	:	:	:	:
LV	1.9	15.7	10.5	-7.4	2.4	-0.4	13.6	22.3	43.9	21.1	20.9	3.5
LT	-14.3	4.0	17.9	11.3	36.6	22.9	-12.0	-2.2	9.8	17.4	87.9	121.9
LU	5.1	-4.7	-2.0	6.2	:	:	11.6	-2.5	-4.9	4.2	:	:
HU	-4.6	10.1	4.1	5.3	2.8	2.7	4.2	9.3	15.4	17.1	23.3	15.0
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	c	c	c	c	c	c	c	c	c	c	c	c
AT	-2.7	-0.2	4.2	3.0	5.0	:	-3.0	-6.0	2.3	4.3	12.5	:
PL	1.5	8.8	7.7	7.7	17.1	2.8	16.9	14.6	24.0	23.5	63.1	33.9
PT	0.7	-6.7	5.3	-0.3	-2.9	5.3	8.8	-2.0	2.3	-1.9	-5.1	7.6
SI	:	:	:	:	:	:	:	:	:	:	:	:
SK	2.1	7.9	11.1	3.1	-4.1	9.8	10.4	24.0	32.2	27.1	16.9	20.4
FI	c	c	c	c	c	c	c	c	c	c	c	c
SE	1.0	2.4	0.8	-1.1	7.3	-0.9	-1.7	-1.1	7.1	2.9	10.3	6.0
UK	:	:	:	:	:	:	:	:	:	:	:	:
BG	4.0	-3.5	6.9	11.6	1.4	:	17.8	3.4	14.1	20.0	16.4	:
RO	4.9	4.0	3.3	23.7	-3.0	:	27.8	26.8	12.2	40.0	27.3	:
TR	:	:	:	:	:	:	:	:	:	:	:	:

*Table 14: Total new orders index for manufacturing industries working on orders, growth rates (%)*

## Manufacturing industries working on orders (continued)

### EU-25

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
<b>Manufacturing industries working on orders</b>	0.7	-1.2	1.4	3.4	0.0	5.8	1.0	-2.2	0.2	4.3	4.9	11.0
Textile and textile products (17)	-2.7	-2.5	-0.8	-2.2	-1.1	:	-5.6	-7.0	-4.8	-8.2	-5.1	:
Wearing apparel (18)	0.0	-2.6	2.0	-1.0	6.9	:	0.6	-9.4	-5.3	-3.8	7.3	:
Pulp, paper and paper products (21)	0.1	-3.0	-0.2	0.9	-0.8	3.1	0.3	-4.7	-3.1	-2.1	-2.0	3.4
Chemicals and chemical products (24)	1.4	-2.2	1.2	1.8	-0.8	3.1	5.1	-1.4	-0.4	2.2	0.2	5.4
Basics metals (27)	2.3	-3.5	2.4	5.7	4.3	8.0	4.4	-2.3	0.7	6.6	10.4	22.0
Fabricated metal products (28)	-1.2	-1.2	2.2	1.7	3.0	3.4	-0.2	-1.8	0.3	1.4	7.5	10.7
Machinery and equipment (29)	-0.3	-2.1	2.1	5.4	-1.2	3.5	-0.4	-3.9	0.1	5.2	6.1	10.2
Office machinery and computers (30)	:	:	:	:	:	:	:	:	:	:	:	:
Electrical machinery and apparatus (31)	-2.4	2.5	0.5	6.1	-3.3	4.0	-0.1	2.4	2.3	7.6	6.2	7.4
Radio, TV & communication equipment (32)	1.6	-2.2	7.3	4.1	-3.1	-3.3	1.8	-1.0	10.2	10.9	6.0	4.5
Medical, precision, optical inst., watches, clocks (33)	-1.8	2.4	3.8	2.2	-4.6	2.9	-3.6	-5.3	5.6	8.4	3.4	3.9
Motor vehicles, trailers and semi-trailers (34)	0.9	0.1	1.1	2.8	3.1	1.7	3.9	0.6	0.1	4.8	7.9	8.8
Other transport equipment (35)	3.3	-3.4	3.3	10.8	1.3	41.4	-7.8	-1.6	-6.0	12.8	2.9	81.3

### EU-15

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
<b>Manufacturing industries working on orders</b>	0.7	-1.5	1.2	3.5	0.3	5.6	0.8	-2.6	-0.4	3.9	4.8	11.1
Textile and textile products (17)	-2.6	-2.5	-0.8	-2.2	-0.7	:	-5.5	-6.9	-4.7	-8.2	-4.8	:
Wearing apparel (18)	0.3	-2.7	1.5	-0.8	6.9	:	0.9	-9.7	-5.8	-4.0	7.3	:
Pulp, paper and paper products (21)	0.0	-2.9	-0.2	0.9	-0.5	3.1	0.3	-4.7	-3.0	-2.2	-1.8	3.7
Chemicals and chemical products (24)	1.3	-2.1	1.1	1.8	-0.7	2.9	5.1	-1.4	-0.5	2.1	0.3	5.3
Basics metals (27)	2.1	-3.7	1.8	6.6	4.9	7.2	4.0	-3.6	-0.6	6.4	11.0	22.0
Fabricated metal products (28)	-1.2	-1.3	2.0	1.8	2.9	3.5	-0.2	-2.0	-0.1	1.2	7.3	10.6
Machinery and equipment (29)	-0.6	-2.2	2.0	5.5	-1.0	3.4	-0.8	-4.4	-0.5	4.7	6.1	10.1
Office machinery and computers (30)	:	:	:	:	:	:	:	:	:	:	:	:
Electrical machinery and apparatus (31)	0.0	1.8	-0.6	6.2	-3.6	4.4	0.8	3.3	2.1	8.3	4.1	6.3
Radio, TV & communication equipment (32)	0.6	-2.7	7.2	2.4	-1.1	-3.6	0.9	-3.7	8.3	7.5	6.0	4.5
Medical, precision, optical inst., watches, clocks (33)	-2.0	2.3	4.2	2.3	-4.3	2.9	-3.9	-5.7	5.8	8.7	4.3	4.9
Motor vehicles, trailers and semi-trailers (34)	0.7	-0.3	0.8	3.2	3.1	1.6	3.4	-0.2	-0.9	4.4	7.8	8.9
Other transport equipment (35)	3.4	-3.7	3.0	11.4	0.8	42.3	-8.3	-2.4	-7.1	12.8	2.1	82.4

### Euro-zone

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04	Q1-03	Q2-03	Q3-03	Q4-03	Q1-04	Q2-04
<b>Manufacturing industries working on orders</b>	0.7	-1.5	1.0	3.9	0.0	6.0	0.9	-2.7	-0.7	4.1	4.6	11.4
Textile and textile products (17)	-2.9	-2.2	-0.9	-2.3	-0.1	:	-5.5	-6.9	-4.7	-8.3	-4.9	:
Wearing apparel (18)	0.4	-3.0	1.6	-0.8	7.2	:	1.0	-9.7	-5.8	-4.2	7.4	:
Pulp, paper and paper products (21)	-0.2	-2.5	-0.5	1.1	-0.3	2.2	0.5	-4.1	-3.5	-2.2	-2.1	2.9
Chemicals and chemical products (24)	1.3	-2.2	1.1	1.8	-0.5	2.9	5.2	-1.6	-0.7	2.0	0.4	5.4
Basics metals (27)	1.9	-3.8	1.8	6.9	4.5	7.0	4.2	-3.3	-0.7	6.3	10.6	21.7
Fabricated metal products (28)	-0.9	-1.6	1.9	2.1	3.0	3.4	-0.2	-1.7	0.1	1.5	7.4	10.8
Machinery and equipment (29)	-1.9	-0.6	2.3	4.8	-0.1	2.8	-1.3	-4.5	-0.3	4.6	6.4	9.9
Office machinery and computers (30)	-0.5	-1.5	3.7	1.3	-1.7	1.6	-19.5	-15.3	-4.7	2.8	1.8	5.1
Electrical machinery and apparatus (31)	0.7	1.5	-0.4	6.1	-3.6	4.6	1.0	3.6	2.7	8.9	3.8	6.7
Radio, TV & communication equipment (32)	2.3	-4.6	8.4	2.4	-2.5	-1.7	5.6	-1.9	9.0	8.2	3.5	6.2
Medical, precision, optical inst., watches, clocks (33)	0.0	0.4	4.9	2.1	-2.8	1.2	-2.4	-5.8	6.2	10.2	4.6	4.9
Motor vehicles, trailers and semi-trailers (34)	0.6	-0.6	0.1	4.2	2.7	2.0	2.9	-0.8	-2.3	4.4	7.2	9.2
Other transport equipment (35)	2.7	-3.4	2.2	12.9	4.9	36.2	-9.6	-3.0	-10.4	12.5	3.8	86.6

Table 15: Total new orders indices for selected manufacturing industries working on orders, growth rates (%)

## ➤ ESSENTIAL INFORMATION – METHODOLOGICAL NOTES

The **legal basis** for the production index is the **Council Regulation No 1165/98** of 19 May 1998 concerning short-term statistics<sup>1</sup> (STS-R), which is currently in the process of implementation.

The **production index** is an important business cycle indicator which shows the monthly activity of the industrial sector, which is the one of the most volatile components of the economy.

**The coverage of the production index** according to the STS-R includes all activities listed in Sections C to E (mining and quarrying, manufacturing, and electricity, gas and water supply) of the NACE Rev. 1<sup>2</sup> classification, except Division 41 (collection, purification and distribution of water) and Group 40.3 (steam and hot water supply).

**The coverage of the new orders index** includes NACE Divisions 17, 18, 21, 24, and Divisions 27 to 35.

### Definition

As specified in the STS-R, and in line with traditional practice in business statistics, **the production index should show the evolution of value added at factor cost**, at constant prices. Value added at factor cost can be calculated from turnover (excluding VAT), plus capitalised production, plus other operating income, plus or minus the changes in stocks, minus the purchases of goods and services, minus other taxes on products and taxes linked to production.

<sup>1</sup> Official Journal No L 162, of 5 June 1998. Also available via the "Business Methods" Internet site: <http://forum.europa.eu.int/Public/irc/dsis/bmethods/home>. The deadline for the full implementation of the Regulation regarding the indices is mid-2003.

<sup>2</sup> NACE Rev. 1 - Statistical classification of economic activities in the European Community, Eurostat, 1996 (ISBN 92-826-8767-8).

This index of production should take account of:

- variations in type and quality of the commodities and of the input materials;
- changes in stocks of finished goods and work in progress;
- changes in technical input-output relations (processing techniques) and;
- services such as the assembling of production units, mounting, installations, repairs, planning, engineering, creation of software.

The observation unit for this index is the kind-of-activity unit, though, for enterprises with few persons employed in secondary activities, the local unit or the enterprise may be used as a proxy.

**The new orders index** is defined as the value of the contract linking a producer and a third party with respect to future deliveries by the producer of the goods and services. The order is accepted if, in the producer's judgement, there is sufficient evidence for a valid agreement. New orders include all duties and taxes on the goods or services that will be invoiced by the unit with the exception of the VAT and other similar deductible taxes directly linked to turnover. All other charges (transport, packaging, etc.) that are passed on to the customer are also included. Orders that are passed on to sub-contractors are included.

### Data transmission and calculation method

Data should be transmitted to Eurostat for the Main Industrial Groupings (MIGs) and at the 2-digit level of NACE Rev. 1 by all Member States. For Section D (manufacturing), data should be transmitted at the 3-digit and 4-digit levels by those Member States whose total value added for this Section represents more than 5% of the European Community total. The data are used to produce aggregated indicators for the Community as a whole, and for the group of Member States participating in the euro-zone.

The **weights** used for the production index are based on information from the Structural Business Statistics database or information coming directly from the Member States. **Eurostat uses gross value added at factor cost to calculate the weights for the production index and turnover to calculate the weights for new orders.** Weights and the base year are revised every five years. **The current base year is 2000.**

For the production index, Member States should transmit a working day adjusted index. They may also transmit seasonally adjusted and trend-cycle indices. If data are not transmitted in these forms, Eurostat produces the adjusted figures. For the index of new orders the Member States should transmit a gross index, Eurostat performs the seasonal adjustment.

For **the calculation of** the euro-zone, EU-15 and EU-25 **seasonally adjusted aggregates**, Eurostat aggregates working day adjusted or gross data from Member States. Seasonally adjusted euro-zone, EU-15 and EU-25 series are **produced using the TRAMO & SEATS method**. For these reasons, the euro-zone, EU-15 and EU-25 seasonally adjusted growth rates might differ from the weighted growth rates of the individual Member States.

### Dissemination

Eurostat publishes detailed data and time series in Theme 4/EBT-domain of NewCronos.

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### Abbreviations and symbols

: not available.  
c confidential

## Further information:

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Title Quarterly Panorama of European Business statistics  
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