

# Statistics in focus

## INDUSTRY, TRADE AND SERVICES

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

*during the final quarter of 2004*

The seasonally adjusted index of production for total industry (excluding construction) fell by 0.3 % in the EU-25 in the final quarter of 2004 on the basis of a comparison with the previous quarter; the corresponding rate for the euro-zone was -0.4 %. As such, the rate of change for the index of production deteriorated for the second consecutive quarter after having posted growth of 1.0 % in the second quarter of 2004 in both the EU-25 and the euro-zone. The latest data for the final quarter was the first time that a negative rate in industrial output had been recorded in the EU-25 since the second quarter of 2003 (based upon a comparison with the quarter before).

A comparison of the working day adjusted index of production for total industry (excluding construction) between the final quarters of 2003 and 2004 shows that industrial output rose by 0.9 % in the EU-25 and by 0.8 % in the euro-zone. These latest rates of change were the lowest recorded since the third quarter of 2003 for both European aggregates.

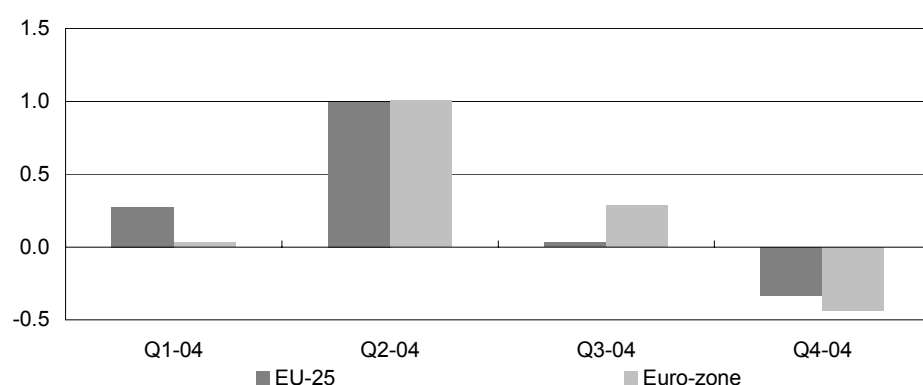


Figure 1: Production index for total industry (excluding construction), seasonally adjusted data, growth rates, compared to the previous quarter (%); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data		Year on year growth rates, working day adjusted data		
	EU-25	Euro-zone		EU-25	Euro-zone
Q1-04	0.3	0.0	Q1-04	1.6	1.0
Q2-04	1.0	1.0	Q2-04	3.4	3.1
Q3-04	0.0	0.3	Q3-04	2.6	2.9
Q4-04	-0.3	-0.4	Q4-04	0.9	0.8

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

Data extracted: 24.02.2005

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

The deterioration in the level of output for total industry (excluding construction) was spread across the majority of the Main Industrial Groupings (MIGs), as intermediate goods was the only MIG not to report a decline in output between the third and final quarters of 2004 (0.1 % growth in the EU-25 and no change in the euro-zone). The largest decline in output was registered for consumer durables, where production fell by 1.7% in the EU-25 and by 2.1 % in the euro-zone. These figures confirmed the downturn in activity in the consumer durables sector recorded in the third quarter of 2004, when consumer durables had once again recorded the largest losses among the five MIGs. There were also considerable reductions in output reported for capital goods (-0.8 % in the EU-25 and -1.0 % in the euro-zone) and for energy (-1.3 % in the EU-25 and -0.9 % in the euro-zone) in the final quarter of 2004.

		Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
		Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
Total industry (excluding construction)	EU-25	0.8	1.2	0.3	1.0	0.0	-0.3	0.3	1.6	1.6	3.4	2.6	0.9
	Euro-zone	0.6	1.3	0.0	1.0	0.3	-0.4	-0.4	1.4	1.0	3.1	2.9	0.8
Total industry without energy (excluding construction)	EU-25	0.8	1.4	0.2	1.0	0.1	-0.5	0.1	1.8	1.9	3.6	2.9	0.7
	Euro-zone	0.6	1.6	-0.2	1.1	0.3	-0.7	-0.7	1.4	1.0	3.2	3.0	0.4
Energy	EU-25	0.6	-0.4	1.3	0.7	-0.3	-1.3	1.2	0.7	0.4	2.1	1.2	0.4
	Euro-zone	0.9	0.1	2.2	-0.5	0.5	-0.9	2.0	2.7	2.0	2.8	2.4	1.5
Intermediate goods	EU-25	0.7	1.4	0.2	1.1	0.5	0.1	-0.4	1.6	1.6	3.4	3.2	1.7
	Euro-zone	0.5	1.5	-0.3	1.1	0.7	0.0	-0.8	1.4	0.7	2.8	3.1	1.4
Capital goods	EU-25	0.7	2.3	0.1	2.2	0.4	-0.8	0.4	2.8	2.1	5.6	5.3	1.9
	Euro-zone	0.5	2.5	-0.4	2.2	0.6	-1.0	-1.2	1.9	0.7	5.0	5.2	1.3
Consumer durables	EU-25	2.0	1.2	0.4	0.6	-0.7	-1.7	-1.1	0.7	2.5	4.4	1.6	-1.5
	Euro-zone	1.9	0.8	0.0	0.1	-1.7	-2.1	-3.4	-1.3	1.0	3.1	-0.7	-3.8
Consumer non-durables	EU-25	0.8	0.1	0.0	0.2	-0.3	-0.1	1.0	0.7	0.8	1.2	-0.1	-0.3
	Euro-zone	0.7	0.0	0.0	0.5	0.0	-0.2	0.9	0.2	0.4	1.3	0.7	0.2

Table 2: Production index for the MIGs, growth rates (%); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.8	1.2	0.3	1.0	0.0	-0.3	0.3	1.6	1.6	3.4	2.6	0.9
Euro-zone	0.6	1.3	0.0	1.0	0.3	-0.4	-0.4	1.4	1.0	3.1	2.9	0.8
BE	-0.1	1.4	0.7	0.5	2.1	-0.5	0.5	1.6	1.8	2.0	5.6	2.6
CZ	1.9	2.9	2.8	2.8	1.0	0.9	5.3	6.6	7.8	11.3	10.0	7.7
DK	0.4	-1.4	0.9	1.4	-1.5	-1.1	1.1	-1.1	-1.0	1.6	-0.3	-0.6
DE	-0.2	2.5	0.4	1.4	0.3	-0.5	-1.0	1.6	1.5	4.1	4.6	1.4
EE	3.6	1.1	-1.0	2.6	4.5	-0.7	9.9	9.4	6.9	6.4	7.4	5.4
EL	0.1	0.2	-0.6	2.1	-1.0	-1.3	1.6	0.2	1.5	2.1	0.8	-1.0
ES	0.3	0.9	0.1	0.8	0.1	-0.4	1.0	1.1	1.3	2.5	2.2	0.5
FR	0.7	1.1	0.2	0.7	-0.1	0.8	-0.7	1.1	0.4	3.2	1.9	1.4
IE	3.0	7.2	-6.8	0.1	1.9	0.6	4.3	14.7	4.1	3.1	1.6	-4.6
IT	1.3	0.0	-0.3	0.2	-0.5	-1.4	-0.4	0.0	-0.3	1.4	-0.8	-2.1
CY	1.4	0.2	0.6	-1.8	-0.2	:	2.1	2.0	1.3	0.0	-1.2	:
LV	3.4	0.8	2.8	0.3	0.2	0.6	8.2	6.0	10.9	7.6	4.1	3.6
LT	5.4	4.4	1.0	2.3	2.1	3.9	20.0	19.2	10.0	17.3	7.6	7.3
LU	2.8	1.6	4.0	0.5	1.1	-0.4	6.9	3.0	6.6	9.1	7.0	4.9
HU	3.3	3.9	1.5	0.6	0.1	2.4	6.8	9.6	11.1	9.7	6.3	4.9
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.8	1.5	2.8	-1.8	0.6	-0.4	-4.0	-1.2	1.6	3.4	3.2	1.0
AT	1.1	0.4	2.1	2.2	2.6	:	2.2	2.3	2.3	5.8	7.6	:
PL	3.6	2.9	6.4	2.2	-2.1	1.2	9.0	10.9	17.9	16.5	8.8	7.1
PT	1.0	0.3	-4.0	0.8	-1.1	0.2	1.1	1.0	-2.9	-1.8	-3.9	-4.2
SI	1.3	2.4	-1.5	1.8	-0.3	-1.8	-2.6	1.0	1.3	3.9	2.3	-1.9
SK	1.1	1.9	1.7	0.3	-0.2	-0.2	2.2	4.0	6.2	5.2	3.9	1.1
FI	1.4	-0.2	-0.8	4.2	2.9	1.0	1.6	0.7	-0.5	4.6	6.4	7.3
SE	0.3	1.0	2.0	1.6	-1.1	0.5	3.5	2.9	4.8	5.4	4.4	2.0
UK	0.5	0.3	-0.4	1.3	-1.2	-0.1	0.2	0.2	0.4	1.3	-0.3	-0.7
BG	3.7	3.9	5.4	4.4	3.0	5.0	12.8	17.2	17.4	19.0	17.4	18.9
RO	0.5	-0.2	1.6	1.2	2.3	2.9	2.5	0.9	5.5	3.1	4.7	7.8

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

## 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					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.8	1.4	0.2	1.0	0.1	-0.5	0.1	1.8	1.9	3.6	2.9	0.7
Euro-zone	0.6	1.6	-0.2	1.1	0.3	-0.7	-0.7	1.4	1.0	3.2	3.0	0.4
BE	0.6	2.2	0.2	1.3	2.6	-0.7	0.9	2.1	2.4	4.0	7.1	3.2
CZ	2.0	2.0	2.4	2.6	2.3	2.7	6.2	6.2	7.8	13.2	8.6	9.4
DK	1.2	-1.6	1.2	0.4	-0.9	-1.7	-0.3	-2.0	-0.3	1.2	-1.0	-1.4
DE	0.0	2.7	0.1	1.6	0.5	-0.6	-1.2	1.6	1.4	4.5	4.9	1.4
EE	3.2	3.8	-1.4	1.5	3.4	2.2	9.7	11.9	8.7	7.1	7.4	5.7
EL	-0.5	1.9	-1.7	3.5	-2.1	-1.6	-0.4	1.5	1.2	3.4	1.4	-2.2
ES	0.3	2.3	-0.6	0.5	0.7	-1.6	0.0	1.4	0.9	2.6	3.0	-1.4
FR	1.0	0.4	0.3	1.4	0.0	0.1	-0.9	0.6	0.3	3.1	2.1	1.6
IE	1.3	6.8	-6.7	1.4	0.4	-0.9	3.4	15.5	3.7	2.4	1.6	-5.8
IT	1.6	0.1	-0.7	0.5	-1.4	-1.0	-1.0	-0.8	-0.1	1.6	-1.1	-2.6
CY	2.5	1.0	-1.0	-0.1	0.6	:	10.5	7.6	0.2	2.3	0.2	:
LV	2.9	1.1	2.9	-0.3	0.8	0.9	7.6	7.1	10.3	6.6	4.5	4.1
LT	3.4	2.5	1.4	4.5	-1.7	3.2	14.1	18.8	7.8	13.0	6.4	7.3
LU	1.6	-0.5	4.1	0.6	0.7	-0.1	5.9	1.7	6.9	6.1	5.0	5.2
HU	3.8	5.3	1.5	-0.4	0.4	2.6	8.1	12.0	14.0	10.3	6.9	4.5
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	0.0	0.8	-0.2	-0.2	0.2	-3.8	-2.1	-0.6	1.0	0.8	-0.3
AT	1.4	0.8	2.2	1.8	3.2	:	2.8	3.5	3.4	6.3	7.9	:
PL	4.7	3.3	6.5	1.2	-2.2	1.6	9.5	12.5	20.4	16.8	8.6	6.9
PT	1.6	-0.2	-2.8	-1.1	1.7	-0.6	0.9	-0.1	-1.4	-2.3	-2.4	-2.9
SI	1.7	3.5	-1.8	1.1	0.6	-1.7	2.4	7.7	1.7	4.5	3.3	-1.8
SK	2.1	4.0	1.4	-2.5	0.5	1.6	5.3	8.1	9.4	4.9	3.2	1.0
FI	0.5	1.5	-1.0	2.4	1.2	0.9	1.3	2.5	2.6	3.3	4.1	3.2
SE	1.5	0.7	1.6	0.7	-0.2	-0.8	4.2	3.3	4.5	5.0	3.6	1.0
UK	0.8	0.3	-0.1	1.1	-0.6	0.0	0.7	1.3	2.3	2.1	0.7	0.4
BG	:	:	:	:	:	:	:	:	:	:	:	:
RO	1.1	0.4	1.7	0.7	2.4	4.0	3.5	1.6	6.7	4.0	5.2	8.8

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

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.6	-0.4	1.3	0.7	-0.3	-1.3	1.2	0.7	0.4	2.1	1.2	0.4
Euro-zone	0.9	0.1	2.2	-0.5	0.5	-0.9	2.0	2.7	2.0	2.8	2.4	1.5
BE	-2.8	-9.4	7.3	7.5	1.7	-11.2	-1.6	-7.0	1.9	2.9	6.5	3.3
CZ	2.9	-0.2	-1.7	1.9	1.9	-0.6	5.5	6.1	0.6	2.8	2.0	1.3
DK	0.9	-4.3	-1.3	7.7	-0.7	-2.0	8.5	3.1	-4.3	3.4	2.8	2.5
DE	-2.2	0.5	3.1	-0.6	-1.6	0.1	0.7	0.7	2.5	1.0	1.4	0.9
EE	3.1	-5.5	1.1	1.4	-0.3	-0.7	12.0	-3.8	-0.6	0.4	-3.5	0.2
EL	0.3	-3.2	2.0	0.4	0.4	-2.8	6.3	-1.8	2.3	-0.5	-0.5	0.0
ES	2.9	-0.6	2.2	1.5	0.4	-0.1	6.7	5.4	5.6	6.0	3.4	4.0
FR	1.8	2.7	1.2	-2.9	-0.8	1.9	2.0	4.5	2.5	2.7	-0.4	-0.2
IE	11.4	3.8	-1.3	-1.0	-4.0	11.4	15.2	14.7	8.3	13.0	-2.6	4.4
IT	1.3	-0.4	-0.2	0.2	2.2	-1.0	3.9	5.7	0.7	1.0	2.0	1.4
CY	-1.3	-3.1	4.3	-5.7	1.9	:	7.8	3.5	7.4	-6.2	-2.9	:
LV	2.4	0.6	3.1	0.5	0.1	0.7	4.5	-2.5	9.2	6.9	4.1	4.0
LT	35.8	25.7	6.4	-28.8	16.6	20.4	32.9	20.2	12.9	29.0	10.9	6.3
LU	-1.5	12.3	-1.1	4.2	6.4	-2.7	8.7	19.2	11.4	15.8	28.0	7.0
HU	0.4	-0.6	4.6	0.4	-1.7	3.4	-2.4	-2.9	-1.5	4.9	2.6	6.8
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	4.3	5.9	3.6	-1.8	4.5	-2.8	-7.6	2.0	5.0	13.0	15.3	4.5
AT	-2.2	-2.2	3.5	4.0	0.3	:	-1.6	-4.4	-3.5	3.1	5.6	:
PL	0.6	0.1	1.3	-0.1	2.0	-2.2	0.7	0.3	1.0	2.0	3.8	0.3
PT	-2.4	2.8	-17.0	3.4	0.4	3.0	2.1	7.1	-17.1	-13.6	-11.1	-11.7
SI	-2.6	-4.5	4.3	1.8	-4.6	-1.1	2.8	-0.9	-1.8	-0.9	-4.2	0.0
SK	-0.8	0.8	3.5	2.4	-1.0	-2.8	-8.6	-9.0	-3.6	6.8	6.6	1.8
FI	8.1	-5.7	0.8	0.2	0.0	-2.8	12.7	-1.2	-0.9	2.7	-4.5	-1.8
SE	-2.5	3.2	6.6	-0.1	3.3	4.4	-6.5	-1.9	6.2	10.4	15.1	14.2
UK	-0.6	-0.6	-0.3	0.5	-2.8	-1.7	-1.7	-4.6	-3.7	-1.0	-3.8	-4.6
BG	4.9	-3.1	2.7	4.0	1.4	-0.8	5.8	3.3	1.3	8.8	5.2	7.4
RO	-0.3	-3.1	0.9	1.2	3.2	-2.1	-1.8	-2.0	0.5	-1.3	2.2	3.3

Table 5: Production index for energy, growth rates (%); source: Eurostat STS

## 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					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.7	1.4	0.2	1.1	0.5	0.1	-0.4	1.6	1.6	3.4	3.2	1.7
Euro-zone	0.5	1.5	-0.3	1.1	0.7	0.0	-0.8	1.4	0.7	2.8	3.1	1.4
BE	3.9	0.8	-5.3	-2.3	4.5	2.7	5.8	2.6	-2.5	-6.4	-2.3	0.2
CZ	2.3	4.4	5.6	1.5	0.9	-1.2	5.8	6.8	14.8	14.6	13.2	6.9
DK	-0.6	1.0	2.2	1.7	-1.3	-2.2	2.5	3.3	0.3	4.6	3.5	0.1
DE	-0.4	2.6	1.1	1.1	0.6	0.6	-1.2	1.9	2.9	4.4	5.4	3.3
EE	3.8	3.8	1.6	2.4	2.4	2.2	14.0	18.3	12.3	11.4	10.4	8.3
EL	-0.9	3.8	-2.9	4.6	1.1	-2.4	-0.6	3.0	0.1	4.8	6.0	-0.3
ES	-0.3	1.5	0.2	1.2	-0.2	-0.3	0.8	0.9	0.8	2.9	2.5	0.7
FR	0.4	1.2	0.1	1.3	-0.4	0.1	-3.8	-1.4	-0.7	3.2	2.6	1.2
IE	3.7	9.2	-12.2	-2.3	4.8	-5.3	0.9	16.7	-0.6	-2.7	-3.2	-15.1
IT	0.9	-0.3	-0.5	1.4	-0.1	-0.3	-1.7	-1.2	-2.5	1.3	0.6	0.5
CY	0.3	1.3	0.2	2.0	-1.6	:	1.7	-2.3	0.3	4.0	3.6	:
LV	3.7	3.9	3.7	-1.5	-2.2	-2.2	5.8	8.6	13.4	10.1	3.7	-2.3
LT	7.0	4.3	-2.0	8.8	-0.1	-0.5	24.0	23.7	11.8	18.9	11.0	5.9
LU	-0.2	1.0	3.6	1.5	0.9	-1.3	4.6	3.3	7.4	6.2	6.9	4.3
HU	1.3	2.4	6.1	-1.1	1.8	0.6	-3.8	-1.9	14.0	8.8	9.3	7.5
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.2	1.2	1.2	1.6	-1.8	-0.5	-2.0	0.4	2.1	4.0	2.0	0.6
AT	0.5	1.0	1.4	2.6	3.1	:	2.9	4.1	2.4	5.5	8.2	:
PL	2.6	4.1	8.1	3.2	-5.4	0.9	9.8	13.5	22.7	19.1	9.2	5.8
PT	1.5	0.1	-1.2	0.8	-2.3	2.4	5.5	5.0	1.9	1.4	-3.0	-0.5
SI	1.0	3.3	-0.3	2.8	-1.3	1.0	-1.6	6.2	3.4	6.7	4.3	2.4
SK	2.5	3.6	1.1	1.0	0.9	2.0	3.7	6.8	7.6	8.0	6.4	4.9
FI	0.7	0.5	0.1	4.0	1.3	0.9	1.7	2.0	2.2	5.4	6.1	6.0
SE	0.9	-0.7	1.4	1.7	0.4	0.2	0.8	0.6	1.5	3.2	3.1	3.6
UK	0.1	1.0	0.9	1.2	-1.3	1.0	-1.4	-0.3	1.3	2.4	1.0	1.4
BG	2.1	9.8	12.9	8.1	4.8	8.6	13.5	22.3	29.4	36.9	40.3	38.9
RO	0.8	-0.1	7.3	3.4	4.6	2.8	0.8	0.3	13.4	11.9	15.9	19.1

Table 6: Production index for intermediate goods, growth rates (%); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.7	2.3	0.1	2.2	0.4	-0.8	0.4	2.8	2.1	5.6	5.3	1.9
Euro-zone	0.5	2.5	-0.4	2.2	0.6	-1.0	-1.2	1.9	0.7	5.0	5.2	1.3
BE	-8.7	2.9	6.6	0.5	-2.4	-0.9	-10.5	-1.2	3.6	0.8	7.9	3.3
CZ	4.0	1.1	4.0	6.9	2.2	4.8	7.0	6.5	6.2	19.5	13.7	20.7
DK	-1.0	-1.1	4.3	-1.6	-1.9	-0.2	-2.6	-6.5	1.5	0.6	-0.5	-0.2
DE	0.6	4.0	-0.9	2.8	0.6	-1.9	-1.1	2.7	0.5	6.6	6.8	0.7
EE	-1.0	11.5	-5.6	0.9	12.3	7.2	8.1	17.7	12.4	5.1	19.2	14.8
EL	0.1	-5.4	-0.9	5.1	-2.0	-6.6	8.4	-2.6	3.5	-1.5	-1.6	-6.9
ES	0.0	3.7	-1.5	1.3	0.6	-1.2	-2.3	3.2	1.3	3.7	4.6	-1.1
FR	0.5	1.7	-1.0	2.4	0.3	1.9	0.3	3.5	-0.2	4.3	3.8	3.3
IE	4.0	5.4	-3.0	0.1	3.6	2.4	14.9	19.2	13.2	6.6	6.2	3.0
IT	2.0	0.7	-0.8	0.4	-2.0	-2.8	-2.6	-1.5	-0.1	2.3	-2.3	-5.1
CY	-1.8	-2.7	6.6	-6.8	1.7	:	-19.6	-28.8	-3.9	-5.0	-1.2	:
LV	3.8	-1.7	-4.1	4.4	2.5	5.8	28.0	16.6	4.8	1.8	0.4	9.3
LT	9.5	6.1	-2.2	9.4	-5.8	11.9	22.0	25.8	23.9	25.3	8.1	12.8
LU	1.7	2.8	8.4	3.0	-9.0	10.4	4.8	-7.2	10.4	16.6	5.9	13.7
HU	4.7	5.3	-1.4	5.5	-7.3	5.5	9.8	14.5	11.4	14.3	1.5	1.6
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-2.7	1.4	-0.1	1.1	-0.3	-0.5	-4.9	-4.5	-2.2	-0.2	2.6	0.1
AT	2.6	2.5	6.5	0.5	7.3	:	4.5	4.7	10.9	12.6	16.7	:
PL	7.2	9.0	19.3	3.2	-4.6	0.2	21.4	31.2	48.6	45.2	27.3	17.9
PT	-0.3	0.2	-1.3	-1.3	0.2	-3.5	-7.7	-8.0	-3.7	-2.8	-2.6	-5.5
SI	6.8	-1.1	-1.7	1.2	5.7	-4.0	18.4	12.8	0.9	4.7	4.3	1.0
SK	8.1	9.3	-4.7	-1.3	-3.1	-0.5	19.9	26.3	20.9	11.1	-0.6	-9.1
FI	-0.7	0.1	-0.9	7.4	6.1	1.7	-2.9	-3.2	-3.7	5.8	13.5	15.3
SE	0.9	2.6	3.0	1.6	-2.8	1.0	7.5	4.7	10.6	9.4	6.5	1.1
UK	0.9	1.1	-1.9	3.9	0.7	-0.7	3.8	4.3	2.2	2.6	3.2	2.1
BG	-2.3	15.1	6.4	0.8	2.4	13.9	-1.0	23.3	18.4	19.4	25.1	24.5
RO	-1.5	-0.7	3.1	4.5	-0.7	1.9	3.8	1.0	3.9	5.5	6.1	8.5

Table 7: Production index for capital goods, growth rates (%); source: Eurostat STS

## 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					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	2.0	1.2	0.4	0.6	-0.7	-1.7	-1.1	0.7	2.5	4.4	1.6	-1.5
Euro-zone	1.9	0.8	0.0	0.1	-1.7	-2.1	-3.4	-1.3	1.0	3.1	-0.7	-3.8
BE	0.3	-0.3	-3.7	0.9	-2.3	-6.4	-9.4	-6.7	-9.0	-1.9	-4.8	-10.9
CZ	2.1	2.0	13.8	-7.3	-1.3	-1.7	-0.3	7.5	26.5	9.8	5.8	2.1
DK	0.2	-1.6	2.9	2.8	-1.3	-2.7	-3.6	-3.7	0.0	4.5	3.3	1.8
DE	2.7	0.7	-0.3	1.9	-1.3	-4.1	-4.5	-2.3	-0.1	5.1	1.0	-3.9
EE	-8.2	1.8	6.4	-1.9	8.8	-2.1	-7.6	-6.6	-1.6	-2.4	16.0	11.1
EL	7.9	0.5	-0.1	9.1	-6.4	-12.2	-0.3	-0.2	-0.6	20.0	3.0	-11.3
ES	-2.3	-0.5	1.1	1.5	-0.1	-3.4	-1.7	-2.2	-1.6	0.5	3.2	-1.6
FR	-1.1	-2.9	4.1	0.4	-0.8	1.7	-5.6	-5.8	-1.2	2.2	0.8	3.7
IE	-4.1	12.0	-16.0	2.1	2.1	-0.5	0.7	13.8	-7.6	-8.8	-2.8	-12.8
IT	5.2	1.5	0.1	-2.2	-2.7	-3.0	-1.3	0.5	6.1	4.2	-3.7	-7.1
CY	6.6	-0.8	-2.1	5.6	7.2	:	10.5	6.8	-0.3	9.4	11.7	:
LV	-5.2	1.1	3.1	6.6	4.3	-2.6	0.9	-0.3	-0.7	5.6	16.1	11.6
LT	6.1	4.9	13.6	1.3	1.5	7.5	17.7	21.5	35.5	28.7	22.4	25.8
LU	c	c	c	c	c	c	c	c	c	c	c	c
HU	9.3	17.8	-1.5	-0.1	14.4	-1.5	58.9	67.9	39.4	26.8	32.5	12.7
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.6	-0.6	0.9	-3.8	0.8	-0.7	-11.3	-6.2	-3.7	-4.2	-3.4	-2.6
AT	3.2	0.1	2.2	1.0	-1.2	:	-4.1	0.5	4.3	6.8	2.0	:
PL	11.4	5.0	6.0	5.3	0.3	0.8	31.9	35.4	31.7	30.3	16.2	11.7
PT	2.6	-3.4	-6.7	8.1	-0.2	-6.0	1.6	-1.2	2.7	0.1	-3.4	-5.4
SI	5.9	0.1	-13.9	0.0	2.3	-3.3	12.0	11.5	-17.3	-8.9	-11.4	-14.9
SK	-8.3	-2.7	35.8	-11.2	4.5	0.9	-15.9	-11.5	13.7	5.2	21.7	25.9
FI	36.8	5.3	-26.9	5.9	17.4	-6.0	50.3	64.4	19.6	11.0	-4.6	-14.5
SE	2.0	-3.3	-0.1	0.8	0.6	-3.2	4.6	1.7	-1.0	-0.8	-0.8	-2.6
UK	0.8	0.3	0.4	3.1	1.1	-2.0	0.0	-0.9	1.4	5.3	5.7	3.5
BG	11.7	10.3	10.5	12.9	-2.1	6.6	48.1	55.2	43.3	54.4	34.6	30.2
RO	1.7	5.1	-4.7	8.0	5.1	0.9	4.7	10.0	2.2	10.1	13.7	8.9

Table 8: Production index for consumer durables, growth rates (%); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.8	0.1	0.0	0.2	-0.3	-0.1	1.0	0.7	0.8	1.2	-0.1	-0.3
Euro-zone	0.7	0.0	0.0	0.5	0.0	-0.2	0.9	0.2	0.4	1.3	0.7	0.2
BE	2.1	2.2	-0.1	1.7	1.4	0.8	10.7	13.4	0.2	5.5	5.3	3.9
CZ	0.9	0.9	0.1	0.5	0.6	0.7	4.2	5.5	2.2	1.6	1.8	2.1
DK	2.2	-1.9	-2.0	-0.6	-2.1	0.5	-0.6	-2.3	-2.4	-2.2	-6.2	-4.0
DE	-0.6	0.6	-0.1	0.2	0.3	-0.1	-0.8	-0.4	0.0	0.2	1.2	0.2
EE	5.0	-0.5	-1.0	2.7	-1.9	-0.5	8.7	6.0	5.1	6.1	-0.7	-0.7
EL	-2.9	3.2	-0.4	1.7	-0.1	-0.9	-2.5	0.1	1.6	1.5	4.3	0.3
ES	-0.1	-1.0	0.3	-0.2	0.5	-0.5	0.6	-1.7	0.2	-0.9	-0.3	0.1
FR	1.2	-0.4	0.9	-0.3	0.1	-0.4	2.1	0.2	1.6	2.2	-0.2	0.1
IE	0.3	1.5	6.2	3.0	0.5	3.1	1.2	-1.6	3.6	11.2	11.9	12.9
IT	1.0	-0.4	0.1	-0.5	-1.2	-1.9	1.6	0.3	0.6	0.4	-2.0	-3.2
CY	4.3	2.2	-2.6	-3.5	0.4	:	20.3	24.7	-0.2	-0.3	-4.1	:
LV	1.3	0.2	2.0	1.3	0.6	1.6	3.6	3.5	6.8	4.8	4.1	5.9
LT	-1.7	0.4	-0.6	3.2	-4.4	4.6	3.8	10.7	-5.7	1.7	-1.8	3.1
LU	4.2	-2.6	2.9	-3.3	3.3	0.3	8.7	2.4	3.7	0.6	0.1	3.3
HU	3.9	-2.7	-0.1	-2.2	0.0	0.1	3.2	-0.1	2.0	-1.3	-4.7	-2.0
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.3	0.2	-0.6	-0.1	0.2	-0.8	-3.6	-2.1	-2.2	-0.4	-0.3	-0.9
AT	1.4	-1.4	-2.1	1.7	-0.5	:	2.0	1.7	-4.3	-0.3	-2.4	:
PL	1.8	2.1	3.1	-3.0	1.8	3.7	5.9	6.0	10.4	4.7	3.3	5.2
PT	2.4	-0.4	-1.6	-0.5	-0.6	-2.0	-1.9	-3.1	-2.0	-0.4	-2.3	-4.8
SI	-2.6	8.1	0.7	-0.6	-1.9	-3.1	-3.3	5.4	7.0	5.5	6.0	-4.9
SK	-3.8	-5.2	2.1	-3.4	1.0	1.6	-4.7	-8.2	-4.5	-13.2	-4.0	1.9
FI	1.5	-0.1	-2.2	0.9	-0.5	1.6	0.2	0.7	-1.6	0.1	-2.1	-0.1
SE	-1.3	0.8	-0.6	2.1	-2.2	-1.6	3.7	3.7	0.3	1.7	0.1	-3.2
UK	1.2	0.0	-0.7	-0.4	-1.7	0.7	0.3	1.4	1.2	0.2	-2.8	-2.5
BG	5.7	2.3	4.3	-3.1	2.5	4.5	25.4	25.3	23.2	8.4	5.6	8.5
RO	0.5	-2.8	-2.9	-0.1	0.3	2.0	5.8	1.9	0.7	-5.4	-6.0	-1.4

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

## Production index for industrial NACE Divisions in the EU

EU-25 NACE Rev. 1 heading (code)		Weight in total industry (%)	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
			Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
Total industry	C-E	100.0	0.8	1.2	0.3	1.0	0.0	-0.3	0.3	1.6	1.6	3.4	2.6	0.9
Mining of coal and lignite	10	0.6	-0.4	2.6	-1.8	-1.5	-7.2	6.4	-4.9	1.1	-0.9	-1.2	-7.9	-4.4
Extr. petroleum / natural gas	11	2.7	1.1	-1.4	-1.6	1.2	-2.1	-2.2	-3.2	-6.4	-6.6	-0.6	-3.2	-4.8
Mining of metal ores	13	0.1	3.6	0.2	0.7	2.6	-1.9	3.8	5.0	-4.1	1.9	7.3	0.8	6.6
Other non-metallic mining	14	0.7	-0.9	0.2	-0.1	0.7	-2.4	4.6	-1.6	-0.3	-1.2	-0.1	-1.7	2.5
Food and beverages	15	9.5	0.9	-0.3	0.8	-0.1	0.0	0.3	1.7	0.3	2.0	1.3	0.4	0.9
Tobacco	16	0.6	-3.0	-0.6	-0.4	-2.5	-1.8	-2.6	-6.9	-7.2	-5.4	-6.1	-5.2	-7.3
Textiles	17	2.2	-0.6	0.3	-2.5	0.0	-1.2	-2.9	-4.1	-2.9	-5.4	-2.7	-3.2	-6.6
Clothing	18	1.5	1.3	-1.6	-2.1	-0.2	-4.0	-3.4	-2.3	-3.9	-4.3	-1.2	-7.4	-10.2
Leather products	19	0.7	-2.2	-1.7	-3.3	-3.0	-3.5	-3.7	-9.6	-8.3	-10.6	-9.7	-11.0	-13.1
Wood products	20	1.8	1.5	1.0	1.6	0.0	-0.5	-0.9	0.6	1.5	4.6	4.4	2.1	0.0
Pulp & paper	21	2.7	0.7	1.5	0.7	1.1	0.4	0.3	1.7	2.9	3.2	4.1	3.7	2.4
Publishing & printing	22	5.4	0.5	0.9	1.0	0.0	0.3	0.2	-1.0	0.3	3.2	2.5	2.2	1.4
Refined petroleum prod.	23	1.9	2.1	0.1	2.1	1.5	-1.2	-1.9	2.8	3.5	3.4	5.9	2.5	0.4
Chemicals	24	9.2	0.7	2.2	-1.5	0.8	0.3	-0.6	1.1	5.1	1.1	2.2	1.9	-1.2
Rubber & plastics	25	4.0	2.2	1.1	0.2	0.5	-1.0	-0.1	2.1	3.6	3.4	4.2	0.8	-0.6
Non-metallic minerals	26	4.0	0.9	0.9	0.0	0.7	-0.7	0.5	0.9	2.3	2.2	2.5	0.8	0.2
Basic metals	27	3.5	0.3	1.7	1.3	1.2	1.3	0.2	-1.8	0.2	1.7	4.6	5.7	4.0
Metal products	28	7.9	1.3	1.3	0.5	1.5	-0.6	-0.9	0.0	1.5	3.0	4.8	2.7	0.4
Machinery	29	9.3	1.1	1.4	0.7	1.9	0.4	-0.7	-0.7	0.0	1.7	5.4	4.6	2.2
Office machinery	30	0.9	1.4	0.7	-3.0	0.9	-0.3	-0.2	1.6	5.1	-3.7	0.5	-1.0	-2.1
Electrical machinery	31	4.4	-0.1	2.4	1.2	1.6	-0.3	-1.0	-3.5	-0.2	3.1	5.8	5.1	1.2
Radio/TV/communication	32	3.6	1.3	3.6	2.1	2.7	4.8	0.0	1.1	6.1	5.7	9.6	15.1	9.8
Medical and optical	33	2.7	0.2	2.1	-0.4	1.2	0.6	-0.5	1.1	3.2	0.7	3.2	4.1	0.6
Motor vehicles	34	6.5	0.5	4.1	0.3	2.8	0.4	-1.1	0.2	4.3	3.3	8.6	8.2	2.3
Other transport	35	2.5	0.3	2.1	-2.2	2.2	1.5	0.8	5.0	5.9	0.6	2.3	3.4	2.4
Furniture & other manf.	36	2.9	1.0	0.0	0.7	0.5	-1.3	-1.3	-1.1	-0.2	0.7	2.4	0.0	-1.5
Elec./gas/hot water	40	7.0	0.9	-0.6	1.8	-0.5	1.7	-1.0	3.1	2.8	2.0	1.6	2.5	2.0
Water	41	0.8	4.2	1.5	-0.5	-0.4	-3.0	-0.9	4.2	1.6	-0.5	-0.4	-3.0	-1.0

Euro-zone		Weight in total industry (%)	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
			Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
Total industry	C-E	100.0	0.6	1.3	0.0	1.0	0.3	-0.4	-0.4	1.4	1.0	3.1	2.9	0.8
Mining of coal and lignite	10	0.5	0.5	0.3	-0.8	-2.9	-10.7	14.0	-4.9	2.4	4.4	-3.0	-14.2	-2.2
Extr. petroleum / natural gas	11	0.9	5.0	4.6	-0.4	-2.4	7.7	-1.5	-7.1	1.5	0.1	6.5	9.5	3.9
Mining of metal ores	13	0.0	6.3	1.2	-3.3	8.8	-5.6	-2.2	3.3	-0.2	2.5	13.3	0.6	-2.2
Other non-metallic mining	14	0.6	-2.0	2.1	0.6	-1.9	-4.2	3.3	-2.3	2.0	-0.3	-1.2	-3.7	-2.5
Food and beverages	15	9.1	0.9	-0.6	1.2	-0.2	0.0	0.2	1.9	-0.1	2.0	1.2	0.3	1.1
Tobacco	16	0.4	-5.6	-0.7	-1.6	-4.3	-1.1	-6.4	-11.6	-12.0	-10.9	-11.7	-7.8	-13.2
Textiles	17	2.4	-0.7	0.1	-2.4	0.2	-1.4	-3.0	-5.5	-4.5	-6.0	-2.6	-3.1	-6.4
Clothing	18	1.5	1.1	-0.9	-1.6	0.4	-3.7	-4.0	-3.1	-4.3	-4.0	0.6	-5.0	-9.7
Leather products	19	0.9	-1.7	-1.8	-2.7	-3.1	-3.2	-3.8	-8.2	-7.4	-9.0	-8.8	-10.1	-12.3
Wood products	20	1.8	1.4	1.0	1.4	-0.4	-0.1	-0.5	0.6	1.3	3.9	3.4	1.8	0.3
Pulp & paper	21	2.6	1.1	1.3	0.5	1.6	0.5	0.4	2.6	3.1	2.8	4.7	3.9	2.9
Publishing & printing	22	4.9	0.5	1.1	2.4	0.0	1.1	-0.4	-0.8	0.8	4.5	4.1	4.7	3.0
Refined petroleum prod.	23	1.9	1.8	0.0	1.7	1.5	-1.8	-2.9	4.2	5.5	3.3	5.0	1.4	-1.5
Chemicals	24	9.8	0.5	2.3	-2.2	1.1	0.8	-0.8	0.7	5.0	-0.2	1.6	2.3	-1.4
Rubber & plastics	25	4.1	1.8	1.2	0.1	0.9	-0.6	-0.4	1.4	2.6	2.5	4.3	1.8	-0.2
Non-metallic minerals	26	4.3	-0.2	1.0	-0.2	0.6	-0.5	0.3	-0.9	0.4	0.4	1.4	0.9	0.1
Basic metals	27	3.7	0.0	2.2	0.8	1.1	1.0	0.5	-2.5	0.5	1.2	4.2	5.4	3.4
Metal products	28	8.4	1.6	1.4	0.9	0.5	-0.8	-0.9	-0.4	1.6	2.7	4.5	1.9	-0.4
Machinery	29	10.0	0.9	1.6	0.5	1.8	0.5	-1.2	-2.2	-1.3	0.8	5.0	4.7	1.5
Office machinery	30	0.9	1.6	2.8	-1.4	1.9	0.4	0.0	-1.5	6.0	0.7	5.7	4.7	1.0
Electrical machinery	31	4.7	-0.2	2.5	0.5	1.8	-0.2	-1.4	-3.4	0.4	1.9	5.0	4.8	0.5
Radio/TV/communication	32	3.6	1.4	3.4	1.7	2.4	5.2	0.2	1.9	5.6	4.3	8.3	14.7	9.8
Medical and optical	33	2.8	-0.1	2.6	-0.7	0.4	0.5	-1.2	-0.5	3.6	0.5	2.2	3.1	-1.2
Motor vehicles	34	7.1	-0.3	4.6	-0.6	3.6	0.7	-1.3	-2.4	2.7	0.6	8.2	9.0	2.1
Other transport	35	2.1	0.5	0.5	-5.6	2.7	2.6	1.5	4.2	5.7	-3.8	-2.3	-0.1	1.3
Furniture & other manf.	36	2.9	0.4	0.6	0.6	0.0	-1.8	-1.6	-3.1	-1.0	0.0	1.7	-0.5	-2.9
Elec./gas/hot water	40	7.0	0.9	-1.0	2.2	-0.7	1.4	-1.2	3.3	2.7	1.7	1.4	1.9	1.6
Water	41	0.7	:	:	:	:	:	:	:	:	:	:	:	:

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

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

Table 10 provides more detailed information as regards the recent evolution of the index of production across different activities of the European industrial economy. The highest quarter on quarter growth rates for the final quarter of 2004 were recorded for the EU-25's mining of coal and lignite sector (NACE Division 10), the other non-metallic mining sector (NACE Division 14) and the mining of metal ores sector (NACE Division 13), where growth of 6.4 %, 4.6 % and 3.8 % was registered. These rates were far above those recorded in any of the other industrial sectors, as defined at the NACE Division level, as the next highest growth rate was 0.8 % for other transport equipment (NACE Division 35). It is however important to note that while there was a rapid expansion in output in these three mining activities in the final quarter of 2004, this was in contrast to a

considerable contraction in their respective levels of production in the third quarter of 2004.

The largest contractions in output in the EU-25 in the final quarter of 2004 (compared with the previous quarter) were registered for the tobacco (NACE Division 16), textiles (NACE Division 17), clothing (NACE Division 18) and leather (NACE Division 19) industries, where the level of production fell by 2.6 % or more. The decline in output in these activities was at a somewhat faster pace than the losses recorded in the three previous quarters. As a result, production in the EU-25 fell between the final quarters of 2003 and 2004 by 6.6 % for textiles, 7.3 % for tobacco, 10.2 % for clothing and 13.1 % for leather products.

The highest gains in output between the final quarters of 2003 and 2004 were recorded for the manufacture

of radio, TV and communication equipment (NACE Division 32), where EU-25 output rose by 9.8 %. The next highest increase was a 6.6 % expansion for the mining of metal ores, followed by a 4.0 % increase for the manufacture of basic metals (NACE Division 27).

Among the largest industrial activities within the EU-25 (see Tables 11, 12 and 13) there was an expansion in the level of production in the food products and beverages sector (NACE Division 15), where production rose by 0.3 % in the EU-25 between the third and final quarters of 2004. In contrast, there was a reduction in the level of output of machinery and equipment (NACE Division 29) and chemicals and chemical products (NACE Division 24), where production fell by 0.7 % and 0.6 % in the EU-25 and by 1.2 % and 0.8 % in the euro-zone.

## 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					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.9	-0.3	0.8	-0.1	0.0	0.3	1.7	0.3	2.0	1.3	0.4	0.9
Euro-zone	0.9	-0.6	1.2	-0.2	0.0	0.2	1.9	-0.1	2.0	1.2	0.3	1.1
BE	2.1	-0.2	2.0	1.5	0.6	0.3	4.1	2.0	4.6	5.8	4.1	4.2
CZ	0.5	-0.2	-0.2	-0.8	0.9	1.0	3.4	2.6	2.0	-1.0	-0.3	0.9
DK	-0.3	4.4	-2.9	-1.1	0.7	-1.3	5.7	4.8	-5.3	-0.6	0.4	-5.0
DE	-0.2	-0.8	1.5	0.1	0.8	-0.8	0.2	0.0	2.0	0.2	1.4	0.8
EE	6.2	-1.1	1.1	0.9	-1.1	-0.3	3.2	2.3	6.1	8.1	-0.5	-0.5
EL	-5.1	5.1	-0.5	1.6	0.7	-1.2	-5.0	-2.0	0.5	0.8	7.2	0.6
ES	1.4	-0.1	0.0	0.9	0.2	0.4	3.8	1.4	3.3	2.3	0.9	1.3
FR	0.8	-1.3	1.4	-0.6	-0.1	-0.2	2.0	-2.9	0.5	-0.2	-1.1	1.0
IE	3.8	1.2	7.5	-0.5	-6.5	2.0	10.3	12.0	15.0	12.3	1.6	1.9
IT	1.5	-0.1	0.1	-1.7	-0.3	2.4	3.2	1.2	1.1	-0.4	-2.2	0.7
CY	5.1	2.9	-4.8	-0.8	-2.6	:	3.5	12.4	1.5	1.7	-6.6	:
LV	1.3	-0.8	4.8	-1.0	0.5	1.5	8.8	3.7	12.1	4.0	3.3	5.7
LT	0.5	2.0	-0.2	6.1	-5.8	3.5	9.9	11.3	2.9	8.1	1.4	3.2
LU	5.3	-7.9	6.4	-4.9	4.0	0.8	5.1	-9.0	0.6	-2.0	-3.1	6.0
HU	1.2	-3.9	2.5	-4.6	0.1	3.4	2.1	-2.1	3.8	-5.0	-5.6	1.0
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.3	0.6	-2.1	0.1	1.3	c	-3.0	-0.8	-2.2	-1.0	-0.7	c
AT	1.4	-3.8	1.7	2.1	-0.4	:	1.9	-3.7	-0.2	1.4	-0.6	:
PL	1.2	1.5	3.7	-3.2	0.2	2.9	5.2	5.1	10.6	4.4	1.9	3.2
PT	5.9	-1.7	0.8	1.7	0.0	-3.8	3.1	-1.2	3.6	6.3	2.0	-1.5
SI	5.1	-3.8	1.6	:	:	:	8.6	3.1	5.2	:	:	:
SK	-1.0	-5.7	4.7	-0.5	5.0	0.2	-1.1	-4.6	-1.3	-2.9	3.1	8.6
FI	1.1	1.3	-2.0	0.8	0.1	-0.1	2.8	2.0	0.0	1.0	0.1	-1.4
SE	-2.3	1.0	0.2	-0.8	-2.2	1.1	-5.8	-0.8	0.4	-1.4	-2.5	-1.5
UK	1.0	-0.2	0.0	1.6	-0.6	0.7	0.1	-0.1	1.1	1.8	0.7	1.0
BG	1.3	5.6	5.1	-0.8	3.5	6.8	21.8	28.2	29.0	11.3	13.7	15.4
RO	2.1	-5.0	-3.9	0.1	0.1	5.0	10.7	-0.8	-1.8	-7.0	-9.7	0.9

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					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	1.1	1.4	0.7	1.9	0.4	-0.7	-0.7	0.0	1.7	5.4	4.6	2.2
Euro-zone	0.9	1.6	0.5	1.8	0.5	-1.2	-2.2	-1.3	0.8	5.0	4.7	1.5
BE	2.3	2.8	1.4	2.5	5.5	-0.3	-0.6	2.8	5.8	8.3	14.6	8.6
CZ	1.2	-0.5	-1.1	3.0	3.0	0.0	11.6	3.7	-2.1	2.8	6.1	5.3
DK	1.7	1.2	4.8	1.6	-2.0	-1.5	-1.9	-2.7	5.7	8.7	5.3	2.0
DE	1.0	2.1	-0.3	2.7	1.4	-1.8	-1.8	-0.5	0.1	5.4	6.2	2.0
EE	5.5	17.9	-6.5	-5.6	6.4	-1.0	-2.6	27.1	29.5	9.9	10.7	-6.9
EL	2.7	-4.8	1.6	7.8	-9.7	-8.7	2.2	-9.3	-1.1	8.8	-5.3	-10.9
ES	-0.3	3.2	0.4	0.7	1.8	-0.4	-1.7	1.5	5.6	4.4	6.8	2.3
FR	0.2	1.7	0.7	0.4	2.0	0.7	-2.0	0.2	0.9	4.9	3.5	3.7
IE	-6.5	1.8	-0.9	-9.2	3.8	-11.8	-1.3	-1.5	-5.0	-14.2	-5.4	-18.0
IT	1.3	0.5	0.6	1.3	-2.7	-2.6	-4.9	-5.2	-0.8	4.0	-0.1	-3.4
CY	0.5	12.2	-12.1	5.4	4.9	:	-12.5	12.3	-0.2	4.4	11.3	:
LV	-0.7	7.4	-10.2	5.2	7.6	14.8	14.9	35.3	7.0	-3.3	5.7	23.0
LT	-2.7	-1.2	13.0	4.5	-6.7	-0.9	0.7	-2.7	22.7	8.3	7.5	10.5
LU	-0.2	-7.3	12.5	-6.0	-0.2	-3.7	18.8	-12.4	2.5	-2.3	-2.5	1.3
HU	6.4	4.6	-0.1	-2.5	-2.9	6.8	3.9	4.4	10.4	8.5	-1.1	1.0
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	-0.6	0.3	1.5	0.4	0.2	c	-4.9	-5.0	0.8	1.3	4.0	c
AT	4.1	-1.7	7.6	-1.0	10.2	:	7.6	2.3	10.1	9.1	14.5	:
PL	10.5	4.8	4.5	3.0	-2.2	3.9	19.5	26.2	27.9	24.7	10.0	9.0
PT	0.7	-2.3	1.1	-1.4	-1.8	-4.1	-3.9	-7.0	-3.1	-2.0	-4.9	-6.3
SI	4.8	3.4	-6.7	:	:	:	8.6	13.3	-7.7	:	:	:
SK	3.6	5.7	3.4	3.9	2.8	1.7	9.9	5.2	17.0	22.4	17.5	7.6
FI	3.8	3.4	-1.3	6.1	-7.0	7.4	-1.1	5.6	3.9	12.5	0.5	5.0
SE	2.4	-3.9	2.2	0.7	-1.6	0.9	8.6	2.1	0.4	1.3	-1.6	2.0
UK	1.0	1.2	-1.8	6.6	-0.5	1.5	2.0	5.2	4.1	5.9	5.3	6.1
BG	3.1	4.5	20.4	4.7	1.4	9.1	3.9	9.3	9.8	35.5	32.5	39.4
RO	3.4	9.6	-5.0	6.9	5.5	-5.4	-5.3	-4.8	-4.7	15.7	17.5	0.9

Table 12: Production index for machinery and equipment, growth rates (%); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, working day adjusted data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	0.7	2.2	-1.5	0.8	0.3	-0.6	1.1	5.1	1.1	2.2	1.9	-1.2
Euro-zone	0.5	2.3	-2.2	1.1	0.8	-0.8	0.7	5.0	-0.2	1.6	2.3	-1.4
BE	4.0	3.8	-4.5	2.6	10.5	-2.5	5.3	12.7	1.5	5.4	12.7	5.7
CZ	2.7	0.9	3.3	1.3	-0.9	2.0	5.0	7.1	10.0	9.4	3.7	5.1
DK	5.1	-7.2	-2.4	-3.3	-7.3	3.3	-1.5	-5.5	-4.9	-7.5	-18.3	-9.5
DE	-2.1	1.7	0.9	0.0	1.9	3.2	-2.2	1.3	-0.8	0.4	4.6	6.1
EE	7.1	4.7	1.2	-1.4	10.0	3.9	14.9	34.3	29.7	11.3	15.4	12.3
EL	6.0	-0.2	-3.7	9.0	1.7	-0.3	6.4	3.2	2.5	11.1	6.4	6.2
ES	-0.2	-0.9	-1.2	1.5	2.0	-4.1	3.7	-0.5	-3.0	-0.6	2.0	-2.5
FR	1.3	1.4	0.1	1.5	1.5	-0.7	2.8	5.5	1.6	5.8	3.6	2.0
IE	4.3	14.9	-16.7	-2.7	-0.9	-3.7	1.9	20.4	-2.2	-2.4	-9.5	-22.8
IT	-0.2	-0.1	2.0	-0.6	1.0	-1.7	-2.8	-3.0	1.6	1.1	3.0	0.5
CY	-2.9	3.7	1.2	2.1	8.7	:	-5.5	-1.1	4.3	3.8	15.9	:
LV	28.8	-6.4	12.2	5.3	-5.9	6.7	-9.7	-5.1	20.5	42.7	4.4	18.2
LT	7.9	-4.0	-9.7	18.6	-6.2	8.0	-6.4	-8.6	-13.9	11.5	-4.0	8.5
LU	-11.3	-1.3	4.1	-4.0	12.3	-5.9	-0.4	-1.5	-4.6	-13.1	11.0	4.7
HU	6.0	1.8	2.3	-0.2	0.2	-4.0	9.8	9.6	8.5	10.1	4.8	-2.2
MT	:	:	:	:	:	:	:	:	:	:	:	:
NL	0.0	1.8	0.3	0.9	-5.0	-3.5	4.0	3.4	2.4	3.9	-2.5	-7.6
AT	-2.1	1.9	-4.7	2.8	2.7	:	0.2	8.2	-6.9	-2.1	2.6	:
PL	1.1	2.1	2.7	2.1	-1.6	5.0	9.0	9.9	10.0	8.3	3.9	8.6
PT	3.0	1.1	-1.3	-3.2	-1.0	1.0	4.5	4.2	1.3	-0.5	-4.7	-5.0
SI	-17.6	39.6	-11.5	:	:	:	-6.1	40.3	4.9	:	:	:
SK	-3.2	-1.7	0.6	-0.9	5.5	0.8	-9.2	-10.7	-9.7	-6.0	4.2	5.5
FI	2.0	-0.8	-2.4	3.1	-0.9	2.4	-0.5	-0.7	-4.5	1.8	-0.9	2.0
SE	1.8	2.7	-0.1	2.2	0.3	-0.5	11.6	10.5	3.3	8.3	7.1	0.5
UK	0.9	2.1	0.9	-0.3	-1.8	0.5	0.5	4.1	6.7	3.8	0.5	-0.8
BG	3.4	-3.9	0.4	11.9	-3.7	1.6	17.0	6.0	4.6	11.4	3.8	9.8
RO	-6.3	10.1	21.8	-4.8	20.3	-3.3	-3.8	-1.5	32.1	19.6	53.4	35.3

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



## Manufacturing industries working on orders

While there was evidence of a downturn in the evolution of the index of production from a high registered in September 2004, there was an erratic, but positive development to the evolution of new orders. There was a 5.4 % increase in orders for manufacturing industries working on orders in both the EU-25 and the euro-zone between the third and final quarters of 2004. As such, the pattern of alternating positive and negative rates that started in the final quarter of 2003 continued. Nevertheless, the general evolution of new orders was clearly following an upward direction, with recent positive rates considerably larger than the reductions reported the following quarter. The rapid increase in orders could be largely attributed to the growth of orders within the other transport equipment sector (in particular, within the aerospace sector). For example, EADS who produce Airbus aircraft received orders from Germany, Spain, Australia, China, Hong Kong, India, Kuwait, Latin America and Vietnam in the closing month of 2004.

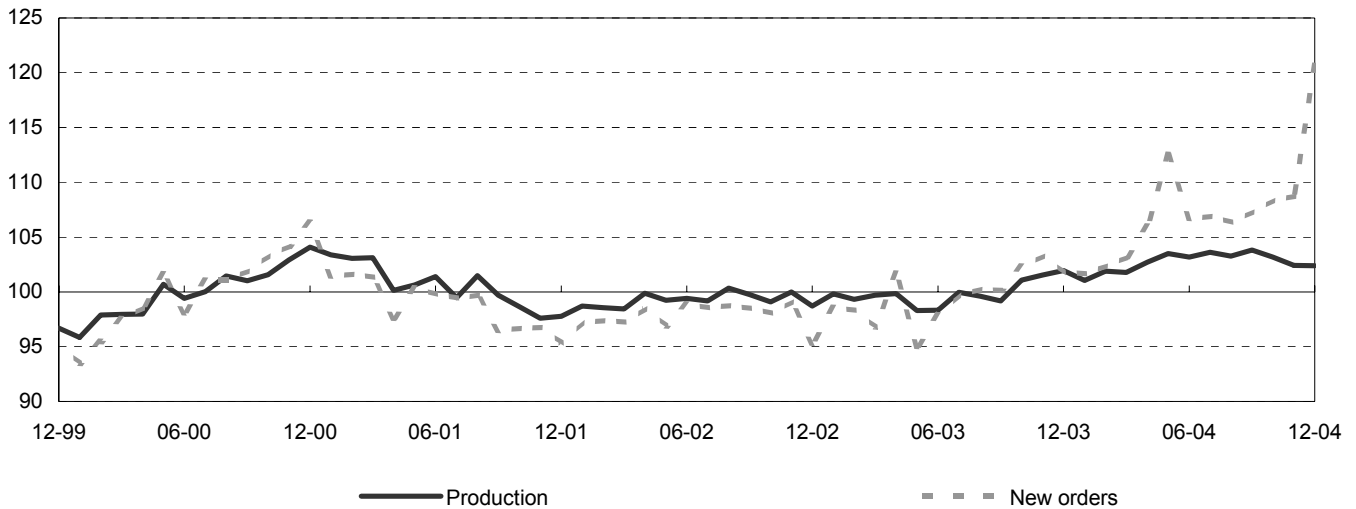


Figure 2: Monthly new orders and production indices for manufacturing industries working on orders, seasonally adjusted, EU-25 (2000=100); source: Eurostat STS

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
EU-25	1.9	2.4	-0.1	5.9	-1.4	5.4	1.5	5.1	6.0	10.6	6.5	9.8
Euro-zone	2.0	3.5	-0.7	6.8	-1.8	5.4	-0.4	4.8	4.5	12.2	7.5	9.7
BE	-1.5	4.4	2.0	4.4	2.9	-2.3	-4.1	-0.1	2.8	9.8	14.5	6.8
CZ	9.6	-2.6	6.0	14.4	0.5	-0.4	12.6	7.6	15.4	29.5	17.6	21.4
DK	7.0	-4.7	-2.2	2.7	-1.5	1.3	3.8	-3.3	0.2	2.3	-6.1	0.8
DE	1.5	3.2	0.8	2.6	0.7	2.0	-0.1	4.0	5.1	10.1	7.6	8.6
EE	:	:	:	:	:	:	:	:	:	:	:	:
EL	:	:	:	:	:	:	:	:	:	:	:	:
ES	c	c	c	c	c	c	c	c	c	c	c	c
FR	1.6	6.3	-2.4	18.0	-11.6	20.6	-1.0	8.6	4.4	25.9	8.6	21.9
IE	:	:	:	:	:	:	:	:	:	:	:	:
IT	0.4	3.2	0.3	0.6	1.5	3.3	-4.8	0.5	5.2	4.6	4.7	5.8
CY	:	:	:	:	:	:	:	:	:	:	:	:
LV	11.5	-11.2	2.8	1.9	4.1	13.0	43.9	21.1	20.9	3.5	-3.2	23.2
LT	21.6	17.1	22.2	25.1	12.7	16.7	9.8	17.4	87.9	121.9	102.5	98.6
LU	-1.4	6.7	5.9	5.1	1.5	2.0	-5.7	1.7	4.0	17.1	20.2	15.3
HU	5.5	6.8	-1.9	4.2	2.3	4.4	15.4	17.1	23.3	15.0	10.9	9.3
MT	1.0	-3.2	2.7	-1.2	-5.1	:	5.0	-18.3	2.1	-0.8	-7.6	:
NL	1.2	1.3	0.5	-1.4	2.4	:	7.7	10.7	0.5	1.6	2.5	:
AT	5.1	3.0	2.7	10.2	-1.5	:	4.1	5.2	10.3	22.9	14.8	:
PL	8.1	10.4	23.6	-8.8	5.9	1.2	25.3	24.9	58.3	34.7	32.6	17.7
PT	3.3	2.0	-3.5	5.7	0.4	-9.5	2.3	-1.9	-5.1	7.5	3.5	-7.4
SI	:	:	:	:	:	:	:	:	:	:	:	:
SK	8.1	2.4	1.2	5.9	5.9	1.0	32.2	27.1	16.8	18.1	17.6	14.5
FI	c	c	c	c	c	c	c	c	c	c	c	c
SE	1.3	-2.0	7.8	-0.3	1.5	3.1	7.1	2.9	10.7	6.7	6.4	11.6
UK	c	c	c	c	c	c	c	c	c	c	c	c
BG	6.8	12.9	1.0	7.4	3.5	1.2	14.1	20.0	16.4	30.8	26.9	13.6
RO	1.7	27.0	-3.9	9.9	14.5	:	12.2	40.0	27.4	37.1	54.7	:

Table 14: Total new orders index for manufacturing industries working on orders, growth rates (%); source: Eurostat STS

## Manufacturing industries working on orders (continued)

### EU-25

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
<b>Manufacturing industries working on orders</b>	1.9	2.4	-0.1	5.9	-1.4	5.4	1.5	5.1	6.0	10.6	6.5	9.8
Textile and textile products (17)	-0.8	-0.9	-1.0	0.2	-0.9	-2.6	-3.1	-5.6	-2.6	-2.2	-2.3	-4.8
Wearing apparel (18)	2.1	-1.1	3.9	-2.7	-1.1	0.6	-3.7	-3.8	8.1	1.3	-3.4	-1.8
Pulp, paper and paper products (21)	0.2	0.4	0.5	2.2	-0.9	0.4	-1.8	-1.6	-0.5	3.8	1.7	1.7
Chemicals and chemical products (24)	-0.5	2.4	0.0	2.8	3.7	1.6	1.1	4.0	2.2	4.7	9.0	8.3
Basic metals (27)	4.0	6.1	5.5	8.0	4.7	-0.2	0.4	6.4	11.8	25.7	26.1	18.9
Fabricated metal products (28)	2.5	1.8	4.7	0.4	1.4	2.8	2.3	3.4	8.9	9.7	7.9	9.2
Machinery and equipment (29)	3.2	7.6	-0.8	3.0	-1.0	0.0	-0.9	7.3	8.5	13.6	8.6	1.4
Office machinery and computers (30)	0.5	3.1	-2.2	2.4	5.7	1.0	0.5	7.0	1.0	3.1	10.2	7.0
Electrical machinery and apparatus (31)	-0.9	5.3	-0.4	3.0	-1.2	2.6	1.4	6.6	8.6	7.2	6.4	3.8
Radio, TV & communication equipment (32)	6.3	2.9	-0.8	-0.6	2.9	4.9	7.8	7.2	7.2	7.8	4.3	6.7
Medical, precision, optical inst., watches, clocks (33)	3.7	1.9	-1.6	3.1	0.6	3.0	6.4	8.9	6.3	7.1	3.5	5.3
Motor vehicles, trailers and semi-trailers (34)	1.8	2.2	2.5	1.0	0.0	1.8	2.0	5.0	8.8	7.5	4.8	5.3
Other transport equipment (35)	5.2	-4.6	4.1	41.1	-22.1	40.1	9.3	16.1	-0.1	46.8	-5.3	81.9

### Euro-zone

	Quarter on quarter growth rates, seasonally adjusted data						Year on year growth rates, gross data					
	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04	Q3-03	Q4-03	Q1-04	Q2-04	Q3-04	Q4-04
<b>Manufacturing industries working on orders</b>	2.0	3.5	-0.7	6.8	-1.8	5.4	-0.4	4.8	4.5	12.2	7.5	9.7
Textile and textile products (17)	-0.8	-1.8	-0.6	0.8	-0.9	-2.1	-4.7	-8.2	-4.3	-2.2	-2.5	-3.3
Wearing apparel (18)	2.4	-1.4	6.3	-3.7	-0.6	0.9	-5.8	-4.1	7.4	2.0	-1.2	1.4
Pulp, paper and paper products (21)	-0.3	1.1	-0.2	2.4	-1.0	0.5	-3.5	-2.2	-2.3	3.4	1.9	1.5
Chemicals and chemical products (24)	0.8	1.8	-0.2	3.8	3.4	2.0	-0.5	2.1	0.5	6.2	8.8	9.2
Basic metals (27)	1.7	7.7	4.8	8.6	5.0	0.1	-1.1	6.1	10.6	24.7	27.9	18.8
Fabricated metal products (28)	1.2	2.3	1.9	1.5	0.8	1.9	2.8	4.6	6.7	7.1	6.0	6.0
Machinery and equipment (29)	2.3	8.0	-2.5	3.7	-0.9	0.7	-1.7	5.6	6.2	11.8	7.7	1.2
Office machinery and computers (30)	1.3	3.5	-6.4	-0.2	3.5	0.6	12.0	23.0	3.6	-2.0	-0.2	-1.5
Electrical machinery and apparatus (31)	-0.2	5.4	-3.2	3.0	-1.3	1.4	2.8	9.2	3.9	4.9	3.5	-0.3
Radio, TV & communication equipment (32)	8.1	1.7	-1.3	1.4	-0.1	5.4	8.9	8.4	4.1	9.8	1.3	5.8
Medical, precision, optical inst., watches, clocks (33)	4.2	1.5	-2.4	2.2	1.5	1.5	6.6	9.3	4.6	5.1	2.4	2.4
Motor vehicles, trailers and semi-trailers (34)	1.2	3.4	1.3	3.1	-0.4	2.5	-2.8	3.5	6.0	9.4	7.0	6.4
Other transport equipment (35)	15.9	6.2	12.0	36.8	-15.6	33.2	-8.6	18.7	9.1	99.6	20.0	88.0

*Table 15: Total new orders indices for selected manufacturing industries working on orders, growth rates (%);  
source: Eurostat STS*

## ➤ 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).

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.

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, and EU-25 **seasonally adjusted aggregates**, Eurostat aggregates working day adjusted or gross data from Member States. Seasonally adjusted euro-zone and EU-25 series are **produced using the TRAMO & SEATS method**. For these reasons, the euro-zone 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 the Industry, trade and services theme of their database.

### Further information

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### Abbreviations and symbols

: not available.  
c confidential

<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>.

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

## ***Further information:***

### ➤ **Reference publications**

Title Quarterly Panorama of European Business statistics  
Subscription number VPA000 Price EUR 100

### ➤ **Databases**

[EUROSTAT Website/Industry, trade and services/Industry, trade and services - horizontal view/Short-term Business Statistics - Monthly and Quarterly \(Industry, Construction, Retail Trade and Other Services\)/Industry \(NACE Rev.1 C-F\)/Production indices \(2000=100\) and New orders indices \(2000=100\)](#)

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