

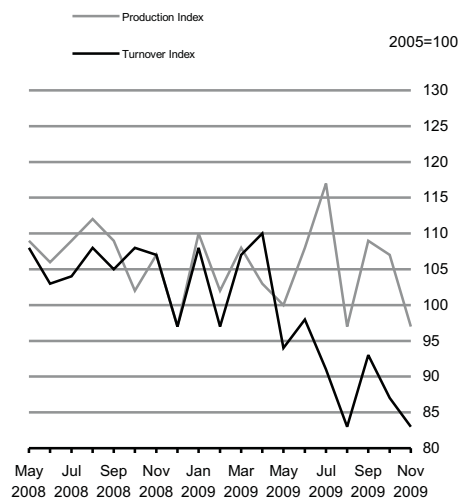


## Industrial Production & Turnover

November 2009 (*Provisional*) and October 2009 (*Final*)

### Manufacturing Industries

Seasonally adjusted



### Manufacturing Industries (Seasonally adjusted)

(Base: year 2005=100)

	Production Index	Turnover Index
<b>November 2008</b>	107.2	107.2
<b>October 2009</b>	107.3	86.8
<b>November 2009</b>	97.5	83.2
<b>Monthly % change</b>	-9.1%	-4.2%
<b>Annual % change</b>	-9.1%	-22.4%
<b>Jun-Aug 2009</b>	108.1	91.0
<b>Sep-Nov 2009</b>	104.7	87.8
<b>% change</b>	-3.1%	-3.5%

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### Annual Production decreased by 9.1% in November 2009

On an annual basis production for Manufacturing Industries for November 2009 was 9.1% lower than in November 2008 (*see above and Table 1*). The sectors contributing most to the change were: Computer, electronic and optical products (-36.1%) and Food products (-12.5%). The seasonally adjusted volume of industrial production for Manufacturing Industries for the three month period September to November 2009 was 3.1% lower than in the preceding three month period (*see above and Table 4*).

The "Modern" Sector, comprising a number of high-technology and chemical sectors, showed an annual decrease in production for November 2009 of 3.7% while a decrease of 17.7% was recorded in the "Traditional" Sector (*see Table 2*).

The seasonally adjusted industrial turnover index for Manufacturing Industries was 3.5% lower in the three month period September to November 2009 when compared with the preceding three month period (*see above and Table 7*). On an annual basis turnover was 22.4% lower when compared with November 2008.

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**Table 1 Volume Indices of Production<sup>1</sup>**

Base year 2005=100

Period	Manufacturing Industries NACE 10 - 33				Industries NACE 05 - 35			
	Unadjusted		Seasonally adjusted		Unadjusted		Seasonally adjusted	
	Index	Annual % change	Index	% change on preceding period	Index	Annual % change	Index	% change on preceding period
2005	100.0	4.1			100.0	4.0		
2006	103.1	3.1			102.8	2.8		
2007	108.5	5.3			108.0	5.0		
2008	106.2	-2.2			106.1	-1.8		
2006 Quarter 1	99.4	2.2	98.7	-3.9	100.3	1.5	98.7	-4.3
2	114.4	7.9	108.3	9.8	112.6	7.4	107.3	8.6
3	98.6	5.2	105.5	-2.6	97.6	5.1	104.9	-2.2
4	100.3	-2.7	100.5	-4.8	101.1	-2.4	101.2	-3.5
2007 Quarter 1	111.0	11.6	109.5	9.0	111.0	10.6	108.7	7.4
2	110.0	-3.9	104.3	-4.8	108.6	-3.6	103.6	-4.6
3	102.7	4.2	110.2	5.7	102.0	4.5	109.9	6.1
4	110.5	10.2	111.1	0.8	110.4	9.2	110.8	0.9
2008 Quarter 1	111.4	0.4	109.8	-1.1	111.6	0.5	109.0	-1.6
2	109.8	-0.1	104.2	-5.1	109.2	0.5	104.2	-4.4
3	102.4	-0.3	109.7	5.2	101.6	-0.4	109.3	4.8
4	101.4	-8.3	102.1	-6.9	102.3	-7.3	102.9	-5.8
2009 Quarter 1	109.1	-2.0	107.0	4.7	109.1	-2.2	106.1	3.0
2	109.6	-0.2	104.2	-2.6	108.1	-1.0	103.4	-2.6
3	100.7	-1.7	108.2	3.9	99.2	-2.4	107.0	3.6
2008 January	107.0	2.9	110.6	-0.4	107.8	2.5	109.6	-1.6
February	109.3	-1.2	108.1	-2.3	109.6	-0.9	107.4	-2.0
March	119.1	0.5	110.9	2.6	118.5	0.8	110.2	2.6
April	103.7	-8.3	97.6	-12.0	103.8	-6.9	98.5	-10.6
May	115.7	6.4	109.4	12.1	114.4	6.6	108.7	10.4
June	110.4	1.8	106.1	-3.0	109.7	2.1	105.9	-2.6
July	94.3	-7.9	108.8	2.5	94.1	-7.4	108.6	2.5
August	109.2	5.1	111.7	2.7	107.7	4.8	111.3	2.5
September	104.7	2.9	108.8	-2.6	104.0	2.3	108.2	-2.8
October	102.0	-11.1	102.1	-6.2	102.4	-9.9	102.6	-5.2
November	110.6	-0.2	107.2	5.0	111.1	0.6	108.0	5.3
December	91.9	-12.8	97.3	-9.2	93.9	-11.9	98.5	-8.8
2009 January	107.3	0.3	110.4	13.5	107.8	0.1	109.2	10.8
February	103.2	-5.6	101.9	-7.7	104.1	-5.0	101.8	-6.7
March	116.5	-2.2	108.4	6.4	115.2	-2.8	107.0	5.1
April	109.9	5.9	103.4	-4.5	108.7	4.8	103.3	-3.5
May	106.3	-8.1	100.4	-3.0	105.0	-8.2	99.6	-3.6
June	112.5	1.9	108.5	8.1	110.5	0.7	106.9	7.3
July	101.8	8.0	117.4	8.2	99.9	6.2	115.3	7.8
August	94.9	-13.2	96.9	-17.5	93.8	-13.0	96.8	-16.1
September	104.8	0.1	109.0	12.5	103.4	-0.5	107.7	11.4
October	107.0	4.9	107.3	-1.6	105.9	3.4	106.2	-1.4
November	100.6	-9.0	97.5	-9.1	100.7	-9.4	97.7	-8.0

<sup>1</sup> All data for latest month are provisional

**Table 2 Volume Indices of Production<sup>1</sup> for "Modern"<sup>2</sup> and "Traditional" Sectors**

Base year 2005=100

Period	"Modern" Sector				"Traditional" (All Other Sectors)			
	Unadjusted		Seasonally adjusted		Unadjusted		Seasonally adjusted	
	Index	Annual % change	Index	% change on preceding period	Index	Annual % change	Index	% change on preceding period
2005	100.0	5.3			100.0	0.5		
2006	103.8	3.8			101.6	1.6		
2007	110.6	6.5			104.6	2.9		
2008	110.6	0.0			100.2	-4.1		
2006 Quarter 1	101.1	0.3	98.3	-3.9	99.3	3.2	100.0	-3.3
2	117.6	11.1	111.7	13.7	106.0	2.4	102.0	2.0
3	96.9	7.4	106.8	-4.4	98.7	2.2	101.9	-0.1
4	100.1	-3.2	99.5	-6.9	102.5	-1.2	102.3	0.3
2007 Quarter 1	116.0	14.8	111.8	12.4	104.3	5.0	105.2	2.9
2	108.9	-7.4	103.8	-7.2	108.2	2.1	104.3	-0.9
3	101.6	4.9	113.0	8.9	102.6	4.1	105.9	1.6
4	115.9	15.8	115.8	2.5	103.2	0.7	103.2	-2.6
2008 Quarter 1	118.2	1.9	113.6	-1.9	102.8	-1.4	103.8	0.6
2	112.2	3.0	107.0	-5.8	105.2	-2.8	101.4	-2.3
3	106.1	4.4	117.4	9.7	95.8	-6.7	98.6	-2.8
4	106.2	-8.4	106.3	-9.4	97.2	-5.7	97.5	-1.2
2009 Quarter 1	124.7	5.5	119.0	11.9	88.6	-13.8	89.3	-8.3
2	122.4	9.1	117.0	-1.7	89.3	-15.2	86.1	-3.7
3	113.0	6.5	126.7	8.2	81.1	-15.3	83.5	-3.0
2008 January	114.6	5.2	116.5	1.8	98.8	-1.3	103.6	0.3
February	114.0	-0.5	110.1	-5.5	103.8	-1.5	104.0	0.4
March	127.5	2.1	114.2	3.7	106.6	-1.0	103.9	-0.1
April	103.0	-9.9	96.8	-15.2	104.7	-2.5	101.6	-2.2
May	120.6	13.5	114.2	18.0	106.2	-2.3	102.8	1.2
June	113.4	6.4	110.8	-3.0	104.7	-3.5	99.8	-2.9
July	92.2	-8.7	116.2	4.9	96.7	-5.7	99.2	-0.6
August	118.8	13.1	119.5	2.8	93.2	-6.7	99.2	0.0
September	109.1	10.7	116.7	-2.3	97.3	-8.1	97.4	-1.8
October	105.7	-13.4	105.0	-10.0	98.1	-4.5	99.4	2.1
November	116.3	1.0	112.6	7.2	104.2	-0.1	102.5	3.1
December	97.2	-11.5	101.7	-9.7	89.6	-12.4	90.6	-11.6
2009 January	123.5	7.8	124.9	22.8	87.2	-11.7	91.4	0.9
February	115.6	1.4	111.5	-10.8	89.0	-14.3	89.0	-2.6
March	134.5	5.5	120.3	7.9	89.8	-15.8	87.5	-1.8
April	123.6	20.0	116.3	-3.3	89.1	-14.9	86.4	-1.2
May	114.6	-5.0	108.3	-6.9	92.4	-13.0	89.5	3.5
June	128.7	13.5	126.1	16.4	86.4	-17.5	82.5	-7.8
July	115.1	24.9	145.2	15.2	80.0	-17.3	82.0	-0.6
August	102.9	-13.3	103.5	-28.7	81.7	-12.3	86.9	6.0
September	119.9	9.9	128.5	24.2	81.8	-15.9	81.8	-5.8
October	121.7	15.1	121.0	-5.8	85.1	-13.2	86.3	5.5
November	112.0	-3.7	108.3	-10.5	85.8	-17.7	84.4	-2.2

<sup>1</sup> All data for latest month are provisional

<sup>2</sup> The "Modern" Sector includes the following industrial sectors :

- NACE 20 Chemicals and chemical products
- 21 Basic pharmaceutical products and preparations
- 26 Computers, electronic and optical products
- 27 Electrical equipment
- 1820 Reproduction of recorded media
- 3250 Medical and dental instruments and supplies

**Table 3 Employment Information on the "Modern" Sector**

Industrial Sector	NACE Rev. 2	Weighting base	Employment			
		Year 2005 Gross value added € Million	Quarterly totals			
			2008 Q2 (‘000)	2008 Q3 (‘000)	2008 Q4 (‘000)	2009 Q1 (‘000)
<b>Modern Sector</b>		<b>17,492.2</b>	<b>76.7</b>	<b>75.0</b>	<b>71.6</b>	<b>69.7</b>
Chemicals and chemical products; Basic pharmaceutical products & preparations; Reproduction of recorded media <sup>1</sup> ; Medical and dental instruments and supplies <sup>1</sup>	20, 21, 1820, 3250	13,139.8	42.4	42.6	40.9	40.1
Computers, electronic and optical products; Electrical equipment	26, 27	4,352.2	34.3	32.4	30.7	29.6
<b>All Other Sectors</b>		<b>13,301.9</b>	<b>157.8</b>	<b>154.1</b>	<b>149.5</b>	<b>143.6</b>
<b>Industries (B - E) NACE 5 - 39</b>		<b>30,794.1<sup>2</sup></b>	<b>234.5</b>	<b>229.1</b>	<b>221.1</b>	<b>213.3</b>

<sup>1</sup> Employment data estimated based on Nace 18 and 32 (Source: Earnings, Hours and Employment Costs Survey data, CSO)

<sup>2</sup> Gross Value Added is for Industries (B -D) NACE 5 - 35 (Source: Census of Industrial Production 2005, CSO)

**Table 4 Volume Indices of Production for Industrial Sectors - Final Results**

Base year 2005=100

October 2009

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages</b>	<b>10-11</b>	<b>5,258.6</b>	<b>89.9</b>	<b>-7.3</b>	<b>91.8</b>	<b>-5.7</b>	<b>95.1</b>	<b>8.8</b>	<b>94.1</b>	<b>-1.3</b>
<b>Food products</b>	<b>10</b>	<b>4,475.2</b>	<b>86.3</b>	<b>-7.2</b>	<b>88.4</b>	<b>-5.6</b>	<b>94.3</b>	<b>8.6</b>	<b>92.6</b>	<b>1.5</b>
Meat and meat products	101	618.3	81.4	-11.4	80.5	-11.8	77.6	-4.0	78.5	-3.3
Dairy products	105	515.7	102.4	-2.7	110.7	-8.0	107.7	11.5	103.5	-4.1
Bakery and farinaceous products	107	234.9	89.1	4.2	85.3	1.5	89.7	11.6	87.5	5.0
Grain mill and starch products; prepared animal feeds	106,109	192.7	108.7	3.0	101.4	6.1	109.7	5.1	105.9	1.6
Other foods	102-104,108	2,913.6	82.8	-8.8	85.5	-5.1	95.9	10.9	93.1	4.6
<b>Beverages</b>	<b>11</b>	<b>783.4</b>	<b>110.6</b>	<b>-7.8</b>	<b>111.1</b>	<b>-6.5</b>	<b>102.8</b>	<b>9.4</b>	<b>105.3</b>	<b>-12.0</b>
<b>Textiles and wearing apparel</b>	<b>13-14</b>	<b>202.7</b>	<b>52.9</b>	<b>-16.7</b>	<b>46.4</b>	<b>-17.7</b>	<b>55.2</b>	<b>16.2</b>	<b>50.3</b>	<b>8.4</b>
<b>Textiles</b>	<b>13</b>	<b>98.3</b>	<b>81.3</b>	<b>-7.9</b>	<b>67.5</b>	<b>-13.9</b>	<b>81.7</b>	<b>27.5</b>	<b>71.6</b>	<b>14.2</b>
<b>Wearing apparel</b>	<b>14</b>	<b>104.4</b>	<b>26.1</b>	<b>-35.1</b>	<b>26.5</b>	<b>-25.6</b>	<b>27.5</b>	<b>-12.4</b>	<b>28.8</b>	<b>-11.7</b>
<b>Leather and related products</b>	<b>15</b>	<b>7.3</b>	<b>141.1</b>	<b>17.8</b>	<b>129.5</b>	<b>2.7</b>	<b>119.3</b>	<b>1.4</b>	<b>118.6</b>	<b>9.6</b>
<b>Wood and wood products, except furniture</b>	<b>16</b>	<b>350.3</b>	<b>52.7</b>	<b>-9.7</b>	<b>51.3</b>	<b>-17.0</b>	<b>53.3</b>	<b>0.5</b>	<b>53.2</b>	<b>9.0</b>
<b>Paper and paper products; printing and reproduction of recorded media</b>	<b>17-18</b>	<b>665.0</b>	<b>70.4</b>	<b>-21.3</b>	<b>73.5</b>	<b>-16.9</b>	<b>67.3</b>	<b>-14.0</b>	<b>74.5</b>	<b>-0.5</b>
<b>Paper and paper products</b>	<b>17</b>	<b>213.7</b>	<b>73.8</b>	<b>-18.1</b>	<b>71.0</b>	<b>-19.3</b>	<b>72.0</b>	<b>3.1</b>	<b>71.8</b>	<b>1.6</b>
<b>Printing and reproduction of recorded media</b>	<b>18</b>	<b>451.3</b>	<b>68.7</b>	<b>-22.9</b>	<b>74.7</b>	<b>-15.7</b>	<b>63.2</b>	<b>-23.9</b>	<b>76.0</b>	<b>-1.2</b>

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**Table 4 Volume Indices of Production for Industrial Sectors - Final Results (continued)**

Base year 2005=100

**October 2009**

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Chemicals and pharmaceuticals</b>	<b>20-21</b>	<b>10,897.7</b>	<b>145.7</b>	<b>42.8</b>	<b>135.1</b>	<b>19.5</b>	<b>143.5</b>	<b>-6.9</b>	<b>137.2</b>	<b>-8.5</b>
<b>Chemicals and chemical products</b>	<b>20</b>	<b>816.8</b>	<b>114.0</b>	<b>5.2</b>	<b>105.6</b>	<b>-13.4</b>	<b>125.4</b>	<b>16.7</b>	<b>110.5</b>	<b>-0.4</b>
<b>Basic pharmaceutical products and preparations</b>	<b>21</b>	<b>10,080.9</b>	<b>148.2</b>	<b>46.0</b>	<b>137.5</b>	<b>22.3</b>	<b>145.3</b>	<b>-8.5</b>	<b>139.6</b>	<b>-9.6</b>
<b>Rubber and plastic products</b>	<b>22</b>	<b>531.5</b>	<b>79.8</b>	<b>-5.5</b>	<b>76.8</b>	<b>-8.7</b>	<b>80.0</b>	<b>-1.4</b>	<b>79.7</b>	<b>11.0</b>
<b>Other non-metallic mineral products</b>	<b>23</b>	<b>863.9</b>	<b>53.7</b>	<b>-37.0</b>	<b>56.3</b>	<b>-35.0</b>	<b>50.4</b>	<b>-6.6</b>	<b>54.3</b>	<b>4.2</b>
<b>Basic metals and fabricated metal products</b>	<b>24-25</b>	<b>701.6</b>	<b>69.9</b>	<b>-35.8</b>	<b>68.3</b>	<b>-35.6</b>	<b>68.4</b>	<b>-1.3</b>	<b>68.2</b>	<b>13.3</b>
<b>Basic metals</b>	<b>24</b>	<b>137.2</b>	<b>87.3</b>	<b>-20.8</b>	<b>81.0</b>	<b>-29.6</b>	<b>88.5</b>	<b>7.2</b>	<b>82.3</b>	<b>23.6</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>25</b>	<b>564.4</b>	<b>65.7</b>	<b>-39.5</b>	<b>65.2</b>	<b>-37.2</b>	<b>63.9</b>	<b>-4.0</b>	<b>65.0</b>	<b>10.4</b>
<b>Computer, electronic, optical and electrical equipment</b>	<b>26-27</b>	<b>4,352.2</b>	<b>58.9</b>	<b>-46.4</b>	<b>61.1</b>	<b>-43.7</b>	<b>59.1</b>	<b>-2.0</b>	<b>61.3</b>	<b>-22.4</b>
<b>Computer, electronic and optical products</b>	<b>26</b>	<b>4,017.5</b>	<b>58.6</b>	<b>-47.3</b>	<b>61.0</b>	<b>-44.2</b>	<b>59.0</b>	<b>-2.7</b>	<b>61.9</b>	<b>-23.1</b>
Electronic components and boards	261	2,003.8	76.5	-29.4	70.4	-30.3	74.2	17.5	68.4	-20.4
Computers and peripheral equipment	262	1,637.9	31.8	-73.3	45.7	-63.0	33.3	-39.1	47.2	-34.1
Other electronic and optical products	263-268	375.8	79.5	-13.0	78.1	-16.2	76.9	4.1	75.2	-12.0
<b>Electrical equipment</b>	<b>27</b>	<b>334.7</b>	<b>62.7</b>	<b>-33.8</b>	<b>61.8</b>	<b>-37.1</b>	<b>64.0</b>	<b>-0.9</b>	<b>64.5</b>	<b>-5.0</b>

**Table 4 Volume Indices of Production for Industrial Sectors - Final Results (continued)**

Base year 2005=100

October 2009

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Machinery and equipment, not elsewhere classified</b>	<b>28</b>	<b>910.0</b>	<b>91.7</b>	<b>-15.7</b>	<b>82.1</b>	<b>-24.2</b>	<b>94.2</b>	<b>24.1</b>	<b>84.3</b>	<b>10.3</b>
<b>Transport equipment</b>	<b>29-30</b>	<b>406.1</b>	<b>78.8</b>	<b>-30.3</b>	<b>70.3</b>	<b>-38.0</b>	<b>77.4</b>	<b>0.2</b>	<b>71.0</b>	<b>-9.4</b>
<b>Tobacco; coke and refined petroleum products; furniture</b>	<b>12,19,31</b>	<b>402.6</b>	<b>67.3</b>	<b>-14.6</b>	<b>58.4</b>	<b>-28.9</b>	<b>67.3</b>	<b>32.7</b>	<b>59.5</b>	<b>-7.5</b>
<b>Other manufacturing</b>	<b>32</b>	<b>2,171.5</b>	<b>132.4</b>	<b>11.0</b>	<b>125.9</b>	<b>17.8</b>	<b>133.9</b>	<b>3.6</b>	<b>132.1</b>	<b>2.4</b>
<b>Repair and installation of machinery and equipment</b>	<b>33</b>	<b>69.3</b>	<b>154.0</b>	<b>6.0</b>	<b>131.8</b>	<b>-3.9</b>	<b>149.6</b>	<b>25.8</b>	<b>130.7</b>	<b>8.1</b>
<b>Electricity, gas, steam and air conditioning supply</b>	<b>35</b>	<b>2,379.1</b>	<b>99.2</b>	<b>-10.4</b>	<b>91.6</b>	<b>-10.1</b>	<b>100.3</b>	<b>-0.1</b>	<b>99.9</b>	<b>0.3</b>
<b>Manufacturing industries</b>	<b>10-33</b>	<b>27,790.5</b>	<b>107.0</b>	<b>4.9</b>	<b>102.4</b>	<b>-2.7</b>	<b>107.3</b>	<b>-1.6</b>	<b>104.6</b>	<b>-4.2</b>
<b>Mining and quarrying</b>	<b>05-09</b>	<b>624.5</b>	<b>83.5</b>	<b>-7.3</b>	<b>83.8</b>	<b>-5.0</b>	<b>80.5</b>	<b>-13.0</b>	<b>87.6</b>	<b>3.1</b>
<b>Transportable goods industries</b>	<b>05-33</b>	<b>28,415.0</b>	<b>106.4</b>	<b>4.6</b>	<b>102.0</b>	<b>-2.7</b>	<b>106.8</b>	<b>-1.6</b>	<b>104.2</b>	<b>-3.9</b>
<b>Industries</b>	<b>05-35</b>	<b>30,794.1</b>	<b>105.9</b>	<b>3.4</b>	<b>101.2</b>	<b>-3.3</b>	<b>106.2</b>	<b>-1.4</b>	<b>103.7</b>	<b>-3.6</b>
<i>of which: Energy producing industries</i>		2,526.5	99.1	-9.9	90.5	-11.4	99.6	2.6	98.7	-2.0
<i>Capital goods</i> .....		5,550.9	85.8	-25.9	85.9	-23.6	86.1	0.6	88.5	-7.8
<i>Intermediate products</i> .....		5,933.9	74.0	-22.2	71.1	-23.3	72.7	4.3	71.1	-3.5
<i>Consumer goods</i> .....		16,782.8	124.8	25.6	118.5	11.2	125.1	-5.0	121.0	-2.7
<i>of which: Durable consumer goods</i> .....		515.0	70.4	-16.3	66.2	-25.4	69.5	4.5	68.9	8.5
<i>Non-durable consumer goods</i> .....		16,267.8	126.5	26.7	120.1	12.1	127.8	-4.8	123.2	0.2

**Table 4 Volume Indices of Production for Industrial Sectors - Provisional Results(continued)**

Base year 2005=100

November 2009

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages</b>	<b>10-11</b>	<b>5,258.6</b>	<b>89.6</b>	<b>-13.1</b>	<b>88.9</b>	<b>-10.6</b>	<b>90.0</b>	<b>-5.3</b>	<b>90.8</b>	<b>-3.8</b>
<b>Food products</b>	<b>10</b>	<b>4,475.2</b>	<b>84.5</b>	<b>-12.6</b>	<b>85.2</b>	<b>-10.0</b>	<b>87.6</b>	<b>-7.2</b>	<b>89.5</b>	<b>-1.0</b>
Meat and meat products	101	618.3	81.1	-11.1	82.0	-10.3	76.4	-1.5	78.3	-1.3
Dairy products	105	515.7	84.9	-2.5	96.5	-9.6	104.7	-2.7	102.9	-4.6
Bakery and farinaceous products	107	234.9	93.8	-2.3	87.9	-0.7	91.6	2.2	87.1	0.9
Grain mill and starch products; prepared animal feeds	106,109	192.7	112.1	-0.7	106.7	1.8	107.1	-2.4	107.1	6.8
Other foods	102-104,108	2,913.6	82.6	-16.2	82.2	-11.7	88.4	-7.8	90.2	2.9
<b>Beverages</b>	<b>11</b>	<b>783.4</b>	<b>118.4</b>	<b>-14.8</b>	<b>110.2</b>	<b>-12.9</b>	<b>98.2</b>	<b>-4.4</b>	<b>98.3</b>	<b>-16.3</b>
<b>Textiles and wearing apparel</b>	<b>13-14</b>	<b>202.7</b>	<b>51.3</b>	<b>-21.9</b>	<b>50.0</b>	<b>-20.0</b>	<b>54.4</b>	<b>-1.3</b>	<b>52.3</b>	<b>14.2</b>
<b>Textiles</b>	<b>13</b>	<b>98.3</b>	<b>76.8</b>	<b>-18.0</b>	<b>73.7</b>	<b>-16.8</b>	<b>78.0</b>	<b>-4.4</b>	<b>74.4</b>	<b>20.8</b>
<b>Wearing apparel</b>	<b>14</b>	<b>104.4</b>	<b>27.4</b>	<b>-30.5</b>	<b>27.6</b>	<b>-27.0</b>	<b>29.5</b>	<b>7.1</b>	<b>29.5</b>	<b>-5.1</b>
<b>Leather and related products</b>	<b>15</b>	<b>7.3</b>	<b>96.0</b>	<b>-20.5</b>	<b>124.9</b>	<b>0.0</b>	<b>97.1</b>	<b>-18.7</b>	<b>111.4</b>	<b>-2.9</b>
<b>Wood and wood products, except furniture</b>	<b>16</b>	<b>350.3</b>	<b>52.0</b>	<b>-6.0</b>	<b>52.8</b>	<b>-10.7</b>	<b>52.1</b>	<b>-2.2</b>	<b>52.8</b>	<b>2.5</b>
<b>Paper and paper products; printing and reproduction of recorded media</b>	<b>17-18</b>	<b>665.0</b>	<b>66.4</b>	<b>-28.6</b>	<b>71.5</b>	<b>-20.8</b>	<b>64.1</b>	<b>-4.7</b>	<b>70.0</b>	<b>-6.7</b>
<b>Paper and paper products</b>	<b>17</b>	<b>213.7</b>	<b>76.1</b>	<b>-17.0</b>	<b>73.8</b>	<b>-18.7</b>	<b>72.8</b>	<b>1.2</b>	<b>71.5</b>	<b>0.1</b>
<b>Printing and reproduction of recorded media</b>	<b>18</b>	<b>451.3</b>	<b>61.7</b>	<b>-34.0</b>	<b>70.5</b>	<b>-21.8</b>	<b>60.4</b>	<b>-4.5</b>	<b>69.1</b>	<b>-10.4</b>

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**Table 4 Volume Indices of Production for Industrial Sectors - Provisional Results (continued)**

Base year 2005=100

November 2009

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Chemicals and pharmaceuticals	20-21	10,897.7	127.0	8.2	138.1	28.3	123.9	-13.7	140.7	-6.3
Chemicals and chemical products	20	816.8	143.1	32.6	122.1	5.1	152.6	21.7	128.1	19.8
Basic pharmaceutical products and preparations	21	10,080.9	125.7	6.4	139.4	30.4	122.3	-15.9	142.4	-8.0
Rubber and plastic products	22	531.5	73.5	-13.7	77.6	-8.6	72.7	-9.1	78.0	6.0
Other non-metallic mineral products	23	863.9	49.5	-40.9	54.3	-36.3	49.2	-2.4	51.3	-5.0
Basic metals and fabricated metal products	24-25	701.6	76.4	-29.6	72.8	-32.0	73.6	7.5	70.4	14.1
Basic metals	24	137.2	88.0	-28.5	86.4	-24.3	84.7	-4.2	85.2	28.7
Fabricated metal products, except machinery and equipment	25	564.4	73.6	-29.9	69.5	-34.0	70.1	9.7	66.8	9.9
Computer, electronic, optical and electrical equipment	26-27	4,352.2	67.3	-36.2	63.7	-43.2	69.2	17.0	62.8	-11.7
Computer, electronic and optical products	26	4,017.5	67.5	-36.2	63.7	-43.7	69.8	18.4	63.1	-13.1
Electronic components and boards	261	2,003.8	90.1	0.3	75.9	-24.1	93.7	26.2	76.8	-2.7
Computers and peripheral equipment	262	1,637.9	36.5	-70.9	44.9	-66.4	39.0	17.2	42.5	-27.0
Other electronic and optical products	263-268	375.8	82.2	-20.9	80.6	-13.7	72.3	-5.9	74.3	-9.5
Electrical equipment	27	334.7	64.4	-36.9	63.9	-36.4	62.4	-2.5	63.7	-3.5

**Table 4 Volume Indices of Production for Industrial Sectors - Provisional Results (continued)**

Base year 2005=100

November 2009

Industrial Sector	NACE	Weighting base Year 2005 Gross value added EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Machinery and equipment, not elsewhere classified</b>	<b>28</b>	<b>910.0</b>	<b>95.4</b>	<b>-22.2</b>	<b>89.7</b>	<b>-23.1</b>	<b>93.1</b>	<b>-1.1</b>	<b>87.5</b>	<b>12.3</b>
<b>Transport equipment</b>	<b>29-30</b>	<b>406.1</b>	<b>74.6</b>	<b>-38.5</b>	<b>76.8</b>	<b>-34.1</b>	<b>74.9</b>	<b>-3.3</b>	<b>76.6</b>	<b>6.8</b>
<b>Tobacco; coke and refined petroleum products; furniture</b>	<b>12,19,31</b>	<b>402.6</b>	<b>67.0</b>	<b>-23.5</b>	<b>61.6</b>	<b>-26.1</b>	<b>61.7</b>	<b>-8.3</b>	<b>59.8</b>	<b>-4.2</b>
<b>Other manufacturing</b>	<b>32</b>	<b>2,171.5</b>	<b>131.4</b>	<b>-3.5</b>	<b>129.2</b>	<b>5.8</b>	<b>127.2</b>	<b>-5.0</b>	<b>130.1</b>	<b>-0.8</b>
<b>Repair and installation of machinery and equipment</b>	<b>33</b>	<b>69.3</b>	<b>142.2</b>	<b>-11.9</b>	<b>140.5</b>	<b>-6.1</b>	<b>135.4</b>	<b>-9.5</b>	<b>134.4</b>	<b>9.1</b>
<b>Electricity, gas, steam and air conditioning supply</b>	<b>35</b>	<b>2,379.1</b>	<b>109.2</b>	<b>-9.5</b>	<b>99.7</b>	<b>-9.2</b>	<b>102.1</b>	<b>1.9</b>	<b>100.9</b>	<b>3.5</b>
<b>Manufacturing industries</b>	<b>10-33</b>	<b>27,790.5</b>	<b>100.6</b>	<b>-9.0</b>	<b>104.1</b>	<b>-1.4</b>	<b>97.5</b>	<b>-9.1</b>	<b>104.7</b>	<b>-3.1</b>
<b>Mining and quarrying</b>	<b>05-09</b>	<b>624.5</b>	<b>71.0</b>	<b>-27.8</b>	<b>81.2</b>	<b>-13.4</b>	<b>67.9</b>	<b>-15.6</b>	<b>80.5</b>	<b>-4.8</b>
<b>Transportable goods industries</b>	<b>05-33</b>	<b>28,415.0</b>	<b>100.0</b>	<b>-9.4</b>	<b>103.6</b>	<b>-1.6</b>	<b>98.0</b>	<b>-8.2</b>	<b>104.5</b>	<b>-2.9</b>
<b>Industries</b>	<b>05-35</b>	<b>30,794.1</b>	<b>100.7</b>	<b>-9.4</b>	<b>103.3</b>	<b>-2.3</b>	<b>97.7</b>	<b>-8.0</b>	<b>104.0</b>	<b>-2.5</b>
<i>of which:</i> Energy producing industries		2,526.5	108.0	-10.1	97.9	-10.4	99.7	0.1	98.8	0.4
Capital goods .....		5,550.9	87.8	-31.2	88.6	-27.9	89.3	3.6	87.0	-6.7
Intermediate products .....		5,933.9	76.3	-15.5	73.5	-21.1	76.9	5.7	73.0	1.0
Consumer goods .....		16,782.8	112.4	0.7	119.6	15.1	111.8	-10.6	123.0	-0.4
<i>of which:</i> Durable consumer goods .....		515.0	71.5	-23.1	69.0	-21.6	65.8	-5.3	67.2	2.6
Non-durable consumer goods .....		16,267.8	113.7	1.4	121.2	16.1	114.4	-10.5	125.7	2.9

**Table 5 Volume Indices of Production for Selected Sectors - Unadjusted<sup>1</sup>**

Base year 2005=100

Period	Industrial Sector and NACE Code						
	Total for Manufacturing Industries	Food products	Beverages	Chemicals and chemical products	Basic pharmaceutical products and preparations	Computer, electronic and optical products	Other manufacturing
	10-33	10	11	20	21	26	32
2008 January	107.0	90.2	90.1	121.2	117.2	112.9	105.7
February	109.3	97.6	100.8	120.7	115.9	103.9	121.2
March	119.1	100.2	112.1	127.6	123.8	146.7	110.9
April	103.7	103.7	106.2	138.3	97.3	108.3	105.5
May	115.7	110.4	112.7	136.4	130.1	102.7	107.0
June	110.4	104.6	111.7	135.3	107.9	127.9	105.4
July	94.3	98.0	110.6	139.0	84.5	96.2	100.8
August	109.2	93.4	114.5	126.0	135.7	94.0	87.3
September	104.7	94.5	121.6	131.7	102.1	121.8	112.2
October	102.0	93.0	120.0	108.3	101.5	111.1	119.3
November	110.6	96.7	139.0	107.9	118.2	105.8	136.2
December	91.9	89.3	100.8	101.2	78.2	132.1	120.1
2009 January	107.3	89.4	96.4	96.6	141.1	90.3	124.3
February	103.2	93.6	90.2	99.1	127.2	82.0	136.2
March	116.5	97.3	108.8	124.3	149.4	110.1	124.1
April	109.9	105.2	112.0	122.8	137.5	87.3	137.3
May	106.3	113.9	126.6	117.1	125.5	82.5	128.5
June	112.5	99.2	121.5	125.0	145.1	89.2	137.3
July	101.8	90.7	107.5	99.2	138.4	61.6	122.0
August	94.9	94.6	121.9	92.0	119.0	59.4	121.1
September	104.8	84.7	101.9	109.9	144.1	64.9	124.1
October	107.0	86.3	110.6	114.0	148.2	58.6	132.4
November	100.6	84.5	118.4	143.1	125.7	67.5	131.4
Nov 09 / Nov 08	-9.0%	-12.6%	-14.8%	32.6%	6.4%	-36.2%	-3.5%

<sup>1</sup> All data for latest month are provisional

Table 6 Industrial Turnover Indices<sup>1</sup>

Base year 2005=100

Period	Manufacturing Industries NACE 10 - 33				Transportable Goods Industries NACE 05 - 33			
	Unadjusted		Seasonally adjusted		Unadjusted		Seasonally adjusted	
	Index	Annual % change	Index	% change on preceding period	Index	Annual % change	Index	% change on preceding period
2005	100.0	4.6			100.0	4.8		
2006	101.6	1.6			102.0	2.0		
2007	106.9	5.3			107.3	5.3		
2008	105.9	-1.0			105.8	-1.4		
2006 Quarter 1	101.2	7.1	101.8	-3.4	101.5	7.2	102.1	-3.3
2	103.1	-0.3	100.4	-1.4	103.4	0.2	100.7	-1.3
3	99.8	5.6	104.5	4.1	100.1	6.0	104.9	4.1
4	102.3	-5.0	100.1	-4.2	103.0	-4.5	100.9	-3.8
2007 Quarter 1	108.1	6.8	107.8	7.7	108.7	7.1	108.3	7.4
2	110.3	7.0	108.3	0.5	110.9	7.3	108.8	0.5
3	100.7	0.9	105.8	-2.4	101.1	1.0	106.3	-2.3
4	108.8	6.4	106.7	0.9	109.0	5.8	106.9	0.6
2008 Quarter 1	109.8	1.5	109.2	2.4	109.9	1.1	109.2	2.2
2	107.1	-2.9	105.6	-3.3	107.2	-3.3	105.6	-3.3
3	100.8	0.1	105.8	0.2	100.6	-0.5	105.6	0.0
4	106.1	-2.5	104.1	-1.5	105.8	-2.9	103.9	-1.6
2009 Quarter 1	105.6	-3.8	104.3	0.1	105.0	-4.4	103.7	-0.2
2	102.3	-4.5	100.9	-3.2	102.0	-4.8	100.6	-3.0
3	85.2	-15.5	89.3	-11.5	85.0	-15.5	89.2	-11.3
2008 January	100.9	0.1	107.1	0.9	101.0	-0.2	107.2	0.8
February	109.5	2.7	109.7	2.4	109.8	2.3	109.8	2.4
March	121.0	3.3	111.2	1.4	120.9	2.6	111.1	1.2
April	102.4	-9.1	105.3	-5.3	102.6	-9.3	105.3	-5.2
May	109.3	3.7	108.4	2.9	109.4	3.0	108.4	2.9
June	110.1	-3.1	103.0	-5.0	109.9	-3.5	103.0	-5.0
July	95.9	-3.2	104.3	1.3	95.7	-3.7	104.1	1.1
August	102.2	3.9	108.2	3.7	102.0	3.3	108.1	3.8
September	104.6	-0.5	105.1	-2.9	104.5	-0.9	105.0	-2.9
October	109.4	-1.0	107.8	2.6	109.1	-1.4	107.5	2.4
November	108.8	2.0	107.2	-0.6	108.5	1.6	107.1	-0.4
December	100.1	-8.5	97.4	-9.1	99.7	-9.0	97.1	-9.3
2009 January	102.3	1.4	108.0	10.9	101.6	0.6	107.4	10.6
February	97.6	-10.9	97.5	-9.7	97.1	-11.5	96.8	-9.8
March	116.6	-3.7	107.0	9.7	116.0	-4.0	106.5	9.9
April	107.1	4.6	110.5	3.3	106.7	4.0	109.7	3.0
May	94.9	-13.2	94.0	-14.9	94.8	-13.3	93.9	-14.4
June	104.8	-4.8	98.4	4.6	104.4	-4.9	98.3	4.7
July	83.7	-12.7	91.1	-7.4	83.6	-12.7	91.0	-7.4
August	78.8	-22.9	83.2	-8.6	78.7	-22.9	83.2	-8.5
September	92.5	-11.5	93.1	11.9	92.3	-11.6	92.9	11.6
October	88.1	-19.4	86.8	-6.7	88.2	-19.2	86.9	-6.5
November	84.4	-22.4	83.2	-4.2	84.4	-22.2	83.3	-4.1

<sup>1</sup> All data for latest month are provisional

**Table 7 Turnover Indices for Industrial Sectors - Final Results**

Base year 2005=100

**October 2009**

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages</b>	<b>10-11</b>	<b>18,507.1</b>	<b>96.2</b>	<b>-12.5</b>	<b>97.5</b>	<b>-9.9</b>	<b>101.0</b>	<b>6.1</b>	<b>99.2</b>	<b>0.1</b>
<b>Food products</b>	<b>10</b>	<b>16,057.4</b>	<b>94.4</b>	<b>-11.6</b>	<b>96.6</b>	<b>-8.9</b>	<b>100.7</b>	<b>6.8</b>	<b>99.5</b>	<b>0.4</b>
Meat and meat products	101	3,581.3	93.1	-20.6	94.7	-18.7	89.4	-2.8	92.5	-6.5
Dairy products	105	2,663.0	103.7	-4.7	103.6	-8.8	107.2	21.2	97.9	12.1
Bakery and farinaceous products	107	600.8	90.4	-9.9	91.3	-9.2	92.3	-4.4	94.3	4.9
Grain mill and starch products; prepared animal feeds	106,109	902.7	108.9	-16.0	102.2	-10.8	114.0	3.6	109.8	-9.5
Other foods	102-104,108	8,309.4	90.8	-9.0	94.8	-3.7	105.6	9.3	103.3	3.1
<b>Beverages</b>	<b>11</b>	<b>2,449.7</b>	<b>108.1</b>	<b>-17.1</b>	<b>104.1</b>	<b>-15.2</b>	<b>99.9</b>	<b>-0.6</b>	<b>98.9</b>	<b>0.0</b>
<b>Textiles and wearing apparel</b>	<b>13-14</b>	<b>483.2</b>	<b>67.7</b>	<b>-3.8</b>	<b>57.8</b>	<b>-8.1</b>	<b>67.3</b>	<b>20.3</b>	<b>60.3</b>	<b>8.5</b>
<b>Textiles</b>	<b>13</b>	<b>244.4</b>	<b>98.4</b>	<b>2.3</b>	<b>80.1</b>	<b>-6.8</b>	<b>98.4</b>	<b>29.2</b>	<b>83.2</b>	<b>14.6</b>
<b>Wearing apparel</b>	<b>14</b>	<b>238.9</b>	<b>36.3</b>	<b>-17.5</b>	<b>35.0</b>	<b>-10.9</b>	<b>35.9</b>	<b>5.6</b>	<b>36.4</b>	<b>-7.4</b>
<b>Leather and related products</b>	<b>15</b>	<b>27.2</b>	<b>120.7</b>	<b>5.0</b>	<b>113.5</b>	<b>-4.7</b>	<b>98.3</b>	<b>5.2</b>	<b>98.4</b>	<b>-2.9</b>
<b>Wood and wood products, except furniture</b>	<b>16</b>	<b>1,073.6</b>	<b>55.0</b>	<b>-21.2</b>	<b>55.8</b>	<b>-24.9</b>	<b>55.3</b>	<b>-1.5</b>	<b>56.3</b>	<b>4.1</b>
<b>Paper and paper products; printing and reproduction of recorded media</b>	<b>17-18</b>	<b>1,968.5</b>	<b>78.3</b>	<b>-16.1</b>	<b>80.4</b>	<b>-14.5</b>	<b>71.6</b>	<b>-17.4</b>	<b>81.1</b>	<b>0.7</b>
<b>Paper and paper products</b>	<b>17</b>	<b>558.1</b>	<b>74.3</b>	<b>-19.2</b>	<b>72.1</b>	<b>-18.4</b>	<b>72.5</b>	<b>5.5</b>	<b>72.3</b>	<b>2.4</b>
<b>Printing and reproduction of recorded media</b>	<b>18</b>	<b>1,410.4</b>	<b>79.9</b>	<b>-14.9</b>	<b>83.7</b>	<b>-13.0</b>	<b>74.5</b>	<b>-20.2</b>	<b>85.8</b>	<b>2.9</b>

**Table 7 Turnover Indices for Industrial Sectors - Final Results (continued)**

Base year 2005=100

**October 2009**

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Chemicals and pharmaceuticals</b>	<b>20-21</b>	<b>28,397.2</b>	<b>125.5</b>	<b>0.3</b>	<b>116.9</b>	<b>2.2</b>	<b>117.4</b>	<b>-20.6</b>	<b>121.9</b>	<b>-2.6</b>
<b>Chemicals and chemical products</b>	<b>20</b>	<b>2,139.4</b>	<b>94.0</b>	<b>-11.7</b>	<b>92.2</b>	<b>-20.2</b>	<b>99.9</b>	<b>3.5</b>	<b>96.4</b>	<b>-12.7</b>
<b>Basic pharmaceutical products and preparations</b>	<b>21</b>	<b>26,257.8</b>	<b>128.0</b>	<b>1.1</b>	<b>118.9</b>	<b>4.0</b>	<b>118.7</b>	<b>-21.6</b>	<b>123.9</b>	<b>-1.9</b>
<b>Rubber and plastic products</b>	<b>22</b>	<b>1,485.6</b>	<b>77.8</b>	<b>-15.2</b>	<b>78.1</b>	<b>-13.9</b>	<b>78.3</b>	<b>-4.9</b>	<b>81.4</b>	<b>8.5</b>
<b>Other non-metallic mineral products</b>	<b>23</b>	<b>2,173.4</b>	<b>58.9</b>	<b>-37.3</b>	<b>63.0</b>	<b>-36.4</b>	<b>55.9</b>	<b>-10.1</b>	<b>60.6</b>	<b>5.4</b>
<b>Basic metals and fabricated metal products</b>	<b>24-25</b>	<b>2,029.8</b>	<b>73.3</b>	<b>-44.9</b>	<b>70.1</b>	<b>-45.5</b>	<b>69.6</b>	<b>-1.7</b>	<b>69.6</b>	<b>12.3</b>
<b>Basic metals</b>	<b>24</b>	<b>491.1</b>	<b>106.1</b>	<b>-43.0</b>	<b>91.4</b>	<b>-50.6</b>	<b>104.3</b>	<b>16.1</b>	<b>93.2</b>	<b>33.5</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>25</b>	<b>1,538.7</b>	<b>62.8</b>	<b>-45.8</b>	<b>63.3</b>	<b>-42.9</b>	<b>61.4</b>	<b>-4.7</b>	<b>62.9</b>	<b>5.9</b>
<b>Computer, electronic, optical and electrical equipment</b>	<b>26-27</b>	<b>23,574.0</b>	<b>35.5</b>	<b>-60.9</b>	<b>41.8</b>	<b>-54.4</b>	<b>36.0</b>	<b>-18.9</b>	<b>42.5</b>	<b>-30.2</b>
<b>Computer, electronic and optical products</b>	<b>26</b>	<b>22,576.3</b>	<b>34.3</b>	<b>-62.2</b>	<b>40.9</b>	<b>-55.3</b>	<b>35.0</b>	<b>-20.1</b>	<b>41.7</b>	<b>-31.5</b>
Electronic components and boards	261	4,312.1	69.6	-31.8	63.9	-30.1	65.4	18.9	60.2	-26.5
Computers and peripheral equipment	262	17,068.1	22.4	-74.2	32.6	-63.9	23.2	-40.1	33.2	-37.7
Other electronic and optical products	263-268	1,196.0	77.5	-29.1	76.6	-29.7	72.2	-5.3	73.4	-9.4
<b>Electrical equipment</b>	<b>27</b>	<b>997.7</b>	<b>61.3</b>	<b>-31.7</b>	<b>61.9</b>	<b>-32.6</b>	<b>61.3</b>	<b>-6.5</b>	<b>64.1</b>	<b>-2.6</b>

Table 7 Turnover Indices for Industrial Sectors - Final Results (continued)

Base year 2005=100

October 2009

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			October 2009		Aug 2009 - Oct 2009		October 2009		Aug 2009 - Oct 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Machinery and equipment, not elsewhere classified	28	2,296.9	82.5	-27.4	78.9	-30.2	84.7	6.2	83.7	9.8
Transport equipment	29-30	1,088.3	68.4	-29.6	62.7	-35.0	67.7	-1.2	64.2	-5.0
Tobacco; coke and refined petroleum products; furniture	12,19,31	2,547.3	84.5	-29.8	78.8	-38.4	82.2	14.7	77.8	-2.8
Other manufacturing	32	4,845.5	138.0	13.5	131.3	19.5	141.4	1.0	139.1	5.2
Repair and installation of machinery and equipment	33	129.7	132.8	0.8	119.3	-6.1	133.2	18.0	121.0	11.8
Manufacturing industries	10-33	90,627.4	88.1	-19.4	86.7	-17.8	86.8	-6.7	87.8	-7.0
Mining and quarrying	05-09	1,513.7	90.6	-2.8	81.6	-13.8	89.3	7.4	83.7	-5.3
Transportable goods industries	05-33	92,141.1	88.2	-19.2	86.6	-17.8	86.9	-6.5	87.8	-6.9
<i>of which: Industries mainly or wholly producing<sup>1</sup></i>										
Capital goods .....		26,478.0	51.2	-47.0	56.6	-41.7	52.4	-10.8	58.2	-19.6
Intermediate products .....		15,554.9	73.6	-25.8	71.2	-26.4	72.2	3.8	71.0	-6.7
Consumer goods .....		48,377.9	112.6	-4.4	107.7	-2.7	108.7	-12.5	110.5	-0.3
<i>of which: Durable consumer goods</i> .....		1,494.5	79.0	-25.3	72.3	-30.0	73.5	1.2	72.9	7.7
Non-durable consumer goods .....		46,883.4	113.6	-3.8	108.8	-1.9	109.8	-12.9	111.8	-0.4

<sup>1</sup> Excludes Energy producing industries

**Table 7 Turnover Indices for Industrial Sectors - Provisional Results (continued)**

Base year 2005=100

**November 2009**

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages</b>	<b>10-11</b>	<b>18,507.1</b>	<b>97.0</b>	<b>-14.3</b>	<b>95.7</b>	<b>-12.9</b>	<b>97.4</b>	<b>-3.6</b>	<b>97.8</b>	<b>-0.9</b>
<b>Food products</b>	<b>10</b>	<b>16,057.4</b>	<b>94.9</b>	<b>-14.7</b>	<b>93.9</b>	<b>-12.8</b>	<b>97.0</b>	<b>-3.6</b>	<b>97.3</b>	<b>-1.8</b>
Meat and meat products	101	3,581.3	93.2	-17.7	93.6	-19.2	89.5	0.1	90.3	-6.8
Dairy products	105	2,663.0	99.4	-13.3	100.3	-11.8	95.5	-11.0	96.9	5.9
Bakery and farinaceous products	107	600.8	94.1	-15.6	92.0	-10.7	93.4	1.2	94.1	3.0
Grain mill and starch products; prepared animal feeds	106,109	902.7	114.5	-14.3	108.3	-14.5	108.7	-4.6	110.9	-1.3
Other foods	102-104,108	8,309.4	92.1	-13.8	90.6	-9.9	100.0	-5.2	100.7	0.2
<b>Beverages</b>	<b>11</b>	<b>2,449.7</b>	<b>110.6</b>	<b>-12.1</b>	<b>107.0</b>	<b>-14.1</b>	<b>98.6</b>	<b>-1.2</b>	<b>99.7</b>	<b>1.3</b>
<b>Textiles and wearing apparel</b>	<b>13-14</b>	<b>483.2</b>	<b>60.2</b>	<b>-14.3</b>	<b>61.0</b>	<b>-11.7</b>	<b>62.6</b>	<b>-6.9</b>	<b>61.8</b>	<b>11.0</b>
<b>Textiles</b>	<b>13</b>	<b>244.4</b>	<b>83.3</b>	<b>-14.8</b>	<b>85.9</b>	<b>-10.0</b>	<b>81.8</b>	<b>-16.8</b>	<b>85.3</b>	<b>19.0</b>
<b>Wearing apparel</b>	<b>14</b>	<b>238.9</b>	<b>36.5</b>	<b>-13.2</b>	<b>35.5</b>	<b>-15.9</b>	<b>38.7</b>	<b>7.7</b>	<b>36.2</b>	<b>-9.0</b>
<b>Leather and related products</b>	<b>15</b>	<b>27.2</b>	<b>81.6</b>	<b>-23.1</b>	<b>107.3</b>	<b>-9.0</b>	<b>80.4</b>	<b>-18.2</b>	<b>90.7</b>	<b>-13.9</b>
<b>Wood and wood products, except furniture</b>	<b>16</b>	<b>1,073.6</b>	<b>56.0</b>	<b>-15.7</b>	<b>56.1</b>	<b>-21.0</b>	<b>56.4</b>	<b>2.1</b>	<b>55.9</b>	<b>-0.4</b>
<b>Paper and paper products; printing and reproduction of recorded media</b>	<b>17-18</b>	<b>1,968.5</b>	<b>75.4</b>	<b>-22.5</b>	<b>79.3</b>	<b>-16.2</b>	<b>71.8</b>	<b>0.2</b>	<b>76.9</b>	<b>-4.4</b>
<b>Paper and paper products</b>	<b>17</b>	<b>558.1</b>	<b>75.4</b>	<b>-21.9</b>	<b>73.8</b>	<b>-21.3</b>	<b>72.9</b>	<b>0.6</b>	<b>71.3</b>	<b>-1.1</b>
<b>Printing and reproduction of recorded media</b>	<b>18</b>	<b>1,410.4</b>	<b>75.4</b>	<b>-22.8</b>	<b>81.5</b>	<b>-14.1</b>	<b>71.1</b>	<b>-4.6</b>	<b>79.9</b>	<b>-4.2</b>

**Table 7 Turnover Indices for Industrial Sectors - Provisional Results (continued)**

Base year 2005=100

**November 2009**

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Chemicals and pharmaceuticals</b>	<b>20-21</b>	<b>28,397.2</b>	<b>109.1</b>	<b>-3.8</b>	<b>121.3</b>	<b>8.8</b>	<b>104.0</b>	<b>-11.4</b>	<b>123.5</b>	<b>0.4</b>
<b>Chemicals and chemical products</b>	<b>20</b>	<b>2,139.4</b>	<b>113.8</b>	<b>5.9</b>	<b>101.0</b>	<b>-8.6</b>	<b>121.7</b>	<b>21.9</b>	<b>105.9</b>	<b>2.4</b>
<b>Basic pharmaceutical products and preparations</b>	<b>21</b>	<b>26,257.8</b>	<b>108.7</b>	<b>-4.5</b>	<b>123.0</b>	<b>10.2</b>	<b>103.5</b>	<b>-12.8</b>	<b>124.9</b>	<b>0.1</b>
<b>Rubber and plastic products</b>	<b>22</b>	<b>1,485.6</b>	<b>72.3</b>	<b>-22.0</b>	<b>77.3</b>	<b>-16.3</b>	<b>71.2</b>	<b>-9.1</b>	<b>77.4</b>	<b>-1.4</b>
<b>Other non-metallic mineral products</b>	<b>23</b>	<b>2,173.4</b>	<b>53.6</b>	<b>-42.2</b>	<b>60.4</b>	<b>-36.6</b>	<b>53.1</b>	<b>-4.9</b>	<b>57.1</b>	<b>-2.6</b>
<b>Basic metals and fabricated metal products</b>	<b>24-25</b>	<b>2,029.8</b>	<b>80.2</b>	<b>-37.3</b>	<b>75.1</b>	<b>-41.8</b>	<b>77.1</b>	<b>10.8</b>	<b>72.5</b>	<b>14.0</b>
<b>Basic metals</b>	<b>24</b>	<b>491.1</b>	<b>106.6</b>	<b>-42.1</b>	<b>99.9</b>	<b>-45.6</b>	<b>106.0</b>	<b>1.7</b>	<b>99.9</b>	<b>38.2</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>25</b>	<b>1,538.7</b>	<b>71.7</b>	<b>-34.7</b>	<b>67.2</b>	<b>-39.7</b>	<b>67.5</b>	<b>9.8</b>	<b>64.5</b>	<b>6.4</b>
<b>Computer, electronic, optical and electrical equipment</b>	<b>26-27</b>	<b>23,574.0</b>	<b>39.9</b>	<b>-58.6</b>	<b>42.2</b>	<b>-57.1</b>	<b>41.7</b>	<b>15.9</b>	<b>40.7</b>	<b>-22.2</b>
<b>Computer, electronic and optical products</b>	<b>26</b>	<b>22,576.3</b>	<b>39.0</b>	<b>-59.6</b>	<b>41.3</b>	<b>-58.1</b>	<b>40.1</b>	<b>14.7</b>	<b>39.7</b>	<b>-23.2</b>
Electronic components and boards	261	4,312.1	79.1	-12.1	67.7	-28.6	78.6	20.2	66.2	-10.4
Computers and peripheral equipment	262	17,068.1	25.7	-73.1	31.8	-67.6	27.5	18.8	30.0	-29.2
Other electronic and optical products	263-268	1,196.0	83.3	-35.4	81.4	-30.2	73.8	2.3	74.1	-4.1
<b>Electrical equipment</b>	<b>27</b>	<b>997.7</b>	<b>62.0</b>	<b>-36.0</b>	<b>63.1</b>	<b>-33.2</b>	<b>58.6</b>	<b>-4.3</b>	<b>61.9</b>	<b>-4.2</b>

Table 7 Turnover Indices for Industrial Sectors - Provisional Results (continued)

Base year 2005=100

November 2009

Industrial Sector	NACE	Weighting base Year 2005 Turnover EUR million	Index - Unadjusted				Index - Seasonally adjusted			
			November 2009		Sep 2009 - Nov 2009		November 2009		Sep 2009 - Nov 2009	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Machinery and equipment, not elsewhere classified	28	2,296.9	79.3	-40.6	81.4	-33.9	77.4	-8.6	80.6	1.4
Transport equipment	29-30	1,088.3	68.7	-31.2	68.4	-30.9	64.7	-4.5	67.0	7.4
Tobacco; coke and refined petroleum products; furniture	12,19,31	2,547.3	91.4	-20.5	83.1	-34.2	88.6	7.8	80.6	2.7
Other manufacturing	32	4,845.5	141.1	6.0	137.3	12.3	137.8	-2.6	139.7	4.9
Repair and installation of machinery and equipment	33	129.7	120.9	-16.5	123.7	-9.4	118.3	-11.1	121.3	9.9
Manufacturing industries	10-33	90,627.4	84.4	-22.4	88.4	-17.8	83.2	-4.2	87.8	-3.5
Mining and quarrying	05-09	1,513.7	85.5	-8.2	85.9	-9.6	77.5	-13.2	83.3	-2.9
Transportable goods industries	05-33	92,141.1	84.4	-22.2	88.4	-17.6	83.3	-4.1	87.8	-3.4
<i>of which: Industries mainly or wholly producing<sup>1</sup></i>										
Capital goods .....		26,478.0	54.3	-49.1	57.5	-45.3	56.6	8.1	56.0	-14.5
Intermediate products .....		15,554.9	75.0	-21.9	73.0	-25.4	74.7	3.5	72.1	-2.7
Consumer goods .....		48,377.9	103.0	-8.5	109.8	-0.1	103.1	-5.1	112.2	2.7
<i>of which: Durable consumer goods</i> .....		1,494.5	80.1	-29.9	77.8	-29.1	72.1	-1.9	72.8	7.1
Non-durable consumer goods .....		46,883.4	103.8	-7.8	110.8	0.7	104.4	-4.9	113.6	2.8

<sup>1</sup> Excludes Energy producing industries

**Table 8 Turnover Indices for Selected Sectors - Unadjusted<sup>1</sup>**

Base year 2005=100

Period	Industrial Sector and NACE Code						
	Total for Manufacturing Industries	Food products	Beverages	Chemicals and chemical products	Basic pharmaceutical products and preparations	Computer, electronic and optical products	Other manufacturing
	10-33	10	11	20	21	26	32
2008 January	100.9	97.9	85.9	114.3	111.5	89.8	96.2
February	109.5	105.9	103.2	116.5	129.5	85.4	109.4
March	121.0	113.6	115.0	125.6	132.9	116.4	112.5
April	102.4	108.6	98.3	132.0	106.4	79.7	103.0
May	109.3	112.5	125.1	133.2	127.5	76.1	102.6
June	110.1	112.8	113.4	122.2	102.4	110.0	103.0
July	95.9	107.8	99.7	120.5	96.0	74.1	105.2
August	102.2	105.8	120.1	123.7	122.7	74.3	93.5
September	104.6	105.3	117.8	117.4	94.4	108.1	113.0
October	109.4	106.8	130.4	106.4	126.6	90.8	121.6
November	108.8	111.2	125.7	107.5	113.9	96.4	133.1
December	100.1	106.6	134.8	102.9	76.7	126.6	123.3
2009 January	102.3	100.0	74.5	102.6	141.0	80.1	118.5
February	97.6	98.3	84.4	106.2	125.2	72.1	144.0
March	116.6	104.9	102.8	138.2	160.7	99.1	131.3
April	107.1	107.5	101.6	136.7	149.8	71.8	147.3
May	94.9	112.3	100.7	121.0	114.9	62.4	136.8
June	104.8	106.7	105.2	118.0	142.7	73.1	137.7
July	83.7	97.9	96.8	97.4	115.0	37.7	127.5
August	78.8	103.2	101.6	86.7	95.1	37.6	122.4
September	92.5	92.5	102.5	95.5	131.8	50.1	133.0
October	88.1	94.4	108.1	94.0	128.0	34.3	138.0
November	84.4	94.9	110.6	113.8	108.7	39.0	141.1
Nov 09 / Nov 08	-22.4%	-14.7%	-12.1%	5.9%	-4.5%	-59.6%	6.0%

<sup>1</sup> All data for latest month are provisional

**Table 9 Production and Turnover Indices by Main Industrial Groupings - Unadjusted<sup>1</sup>**

Base year 2005=100

Period	Production					Turnover				
	Capital goods	Intermediate goods	Consumer goods	Durable consumer goods	Non-durable consumer goods	Capital goods	Intermediate goods	Consumer goods	Durable consumer goods	Non-durable consumer goods
2008 January	108.7	102.5	107.3	96.9	107.6	92.5	100.2	104.5	109.8	104.4
February	113.3	103.8	109.3	104.4	109.4	91.5	111.7	118.2	113.5	118.3
March	130.7	116.7	115.1	108.2	115.4	119.7	114.9	122.5	111.6	122.9
April	110.2	106.9	100.1	102.6	100.0	88.7	108.7	106.2	106.5	106.2
May	106.3	106.9	122.0	107.1	122.5	85.1	107.0	120.7	108.8	121.1
June	123.9	107.1	107.5	98.9	107.7	114.6	104.6	106.6	102.2	106.8
July	102.9	92.8	91.7	92.1	91.7	85.1	92.3	100.6	95.8	100.7
August	94.4	89.0	120.3	95.1	121.1	81.1	92.9	114.9	93.8	115.6
September	125.5	93.7	101.3	87.3	101.7	112.1	98.0	99.7	109.5	99.4
October	115.9	95.2	99.4	84.1	99.9	96.6	99.2	117.8	105.7	118.2
November	127.7	90.2	111.6	93.0	112.2	106.7	96.0	112.6	114.3	112.5
December	130.5	79.4	83.2	75.0	83.4	126.3	82.4	90.9	91.9	90.8
2009 January	104.8	70.6	119.8	66.6	121.4	86.3	74.2	119.0	75.9	120.3
February	105.8	73.4	112.1	74.5	113.3	84.8	77.6	110.3	84.8	111.1
March	115.9	82.8	127.7	66.6	129.6	103.2	87.2	133.2	83.7	134.8
April	106.1	75.7	122.4	62.6	124.3	84.7	81.0	127.2	69.0	129.0
May	96.4	78.7	118.6	66.3	120.3	73.8	80.6	110.7	71.7	111.9
June	105.0	79.0	126.7	60.6	128.8	82.4	80.6	123.9	60.7	126.0
July	81.3	71.3	118.7	63.6	120.5	51.9	70.4	105.1	67.3	106.3
August	79.2	68.9	108.7	63.1	110.1	51.1	69.4	96.1	62.9	97.2
September	92.0	70.2	121.4	65.1	123.2	66.7	70.5	113.6	74.4	114.9
October	85.8	74.0	124.8	70.4	126.5	51.2	73.6	112.6	79.0	113.6
November	87.8	76.3	112.4	71.5	113.7	54.3	75.0	103.0	80.1	103.8
Nov 09 / Nov 08	-31.2%	-15.5%	0.7%	-23.1%	1.4%	-49.1%	-21.9%	-8.5%	-29.9%	-7.8%

<sup>1</sup> All data for latest month are provisional

**Table 10 New Orders Indices for Selected Sectors<sup>1</sup>**

Base year 2005=100

Period	New Orders Indices - Unadjusted						
	Industrial sector and NACE code						
	Total for Manufacturing Industries  10-33	Food products  10	Beverages  11	Chemicals and chemical products 20	Basic pharmaceutical products and preparations 21	Computer, electronic and optical products 26	Other manufacturing  32
2008 January	100.0	98.0	84.8	113.6	108.8	90.1	96.5
February	108.4	106.0	102.0	115.7	126.5	85.7	109.7
March	119.9	113.7	113.2	124.5	129.6	116.9	112.9
April	101.4	108.7	96.5	130.3	103.9	80.1	103.4
May	108.1	112.6	122.7	131.4	124.4	76.4	103.0
June	109.1	112.9	111.2	120.6	100.1	110.4	103.4
July	95.0	107.9	97.7	118.6	93.9	74.4	105.5
August	101.1	105.8	118.1	121.8	119.8	74.6	93.8
September	104.2	105.4	111.7	117.5	94.4	108.4	112.6
October	108.3	106.9	128.5	105.1	123.4	91.2	122.0
November	107.5	111.1	122.1	109.3	110.9	96.4	133.6
December	99.8	106.5	131.9	102.6	76.7	126.1	123.6
2009 January	102.0	99.6	74.5	102.4	140.7	80.0	118.9
February	97.1	98.1	84.3	104.2	124.2	72.5	143.8
March	116.1	104.7	102.8	135.7	160.5	98.7	129.3
April	107.4	107.6	99.0	135.1	151.8	71.6	146.3
May	94.9	112.1	97.9	119.8	116.4	62.4	135.7
June	103.6	106.6	102.3	117.2	139.8	72.9	137.5
July	83.1	97.7	96.5	96.1	114.4	37.6	127.0
August	79.0	102.3	101.6	88.5	96.6	37.6	123.0
September	91.4	91.5	102.5	95.2	129.5	49.9	131.5
October	87.0	94.2	107.9	95.1	125.0	34.3	135.5
November	84.1	93.9	110.5	114.9	108.6	38.9	139.8
Nov 09 / Nov 08	-21.8%	-15.5%	-9.5%	5.1%	-2.0%	-59.6%	4.6%

<sup>1</sup> All data for latest month are provisional

**Table 11 New Orders Indices for Selected Sectors<sup>1</sup>**

Base year 2005=100

New Orders Indices - Seasonally adjusted							
Industrial sector and NACE code							
Period	Total for Manufacturing Industries  10-33	Food products  10	Beverages  11	Chemicals and chemical products 20	Basic pharmaceutical products and preparations 21	Computer, electronic and optical products 26	Other manufacturing  32
2008 January	106.3	108.8	136.2	115.0	111.5	95.4	99.4
February	108.9	114.0	117.6	109.8	112.0	99.8	104.5
March	110.3	111.0	112.9	117.6	116.9	100.2	99.3
April	104.3	100.3	104.2	122.9	99.9	86.2	98.8
May	107.4	104.2	118.6	124.6	113.2	92.8	100.1
June	102.2	103.9	105.8	119.2	99.1	96.4	103.9
July	103.3	105.3	100.5	122.5	106.8	89.0	106.0
August	107.1	106.3	111.6	128.9	125.7	92.2	105.4
September	104.4	107.5	110.0	119.0	106.1	94.6	118.2
October	106.6	113.8	118.2	112.0	114.6	92.7	123.8
November	105.9	113.7	108.5	116.2	105.4	99.1	129.2
December	96.9	109.7	107.2	102.5	98.9	91.4	136.8
2009 January	108.1	110.4	119.9	104.0	142.7	84.7	121.8
February	97.2	105.4	96.9	98.9	109.3	84.5	136.3
March	106.7	102.2	102.2	128.0	144.7	84.6	113.6
April	110.7	99.1	106.9	127.6	146.3	76.9	139.8
May	94.2	103.7	94.4	114.1	105.6	75.8	132.0
June	97.2	98.2	97.4	116.4	139.0	63.7	138.1
July	90.4	95.4	99.2	99.5	130.6	45.2	127.4
August	83.5	102.8	95.8	93.5	100.5	46.4	138.1
September	91.7	93.2	101.2	96.0	146.3	43.5	138.8
October	85.7	100.4	99.3	101.2	115.9	35.0	137.6
November	82.8	96.0	98.5	122.3	103.6	39.9	135.4
Nov 09 / Oct 09	-3.4%	-4.4%	-0.8%	20.8%	-10.6%	14.3%	-1.6%

<sup>1</sup> All data for latest month are provisional

## Background Notes

- Introduction** The monthly industrial production index monitors current trends in the volume of production of industrial local units with three or more persons engaged. The primary purpose of the index is to measure changes in value added at constant prices.
- The monthly index of turnover measures the change in the level of sales each month of industrial products, whether manufactured in the month in question or in previous periods (excluding non-industrial activity where practicable). The turnover indices outlined in this release are exclusive of VAT.
- The principal difference between the production and turnover indices is that the production index traces the quantitative volume of production (i.e. effect of price changes excluded) each month whether sold or not, whereas the turnover index reflects both the volume of sales and the price level. Starting with January 2009 updated industrial production and turnover indices are being published to base year 2005=100.
- The new orders indices measure trends in new orders accepted, including those received and filled during the last month. Orders are valued at the amounts invoiced or still to be invoiced (excluding VAT).
- The response rates for the provisional results are typically 46% in terms of the local units surveyed covering 84% of the value of production and 82% of the value of turnover. The corresponding figures for the final results are 58%, 91% and 90% respectively. These response rates are based on averages for a 12 month period ending September 2009. In September 2009 an additional question on response burden showed that respondents took an average of 19 minutes to complete the monthly inquiry form.
- Sample covered** The monthly survey which provides data for calculating the indices covers the larger local units which between them account for the bulk of industrial output – in general those which in the base year 2005 had twenty or more persons engaged in NACE 5 to 35. For certain sectors the threshold of 20 persons engaged is lowered where this is considered necessary to ensure representativeness of the sample or where data for a sector would have to be kept confidential if the 20 persons engaged threshold were applied. The business activity classifications are based on the Statistical Classification of Economic Activities in the European Community (NACE Rev. 2).
- Methodology** Working day adjusted individual production, turnover and new orders sub-indices are compiled for each detailed NACE class. These sub-indices are combined to provide the indices for broader sectoral groupings, using as weights for a sector the gross value added at factor cost for production indices, and turnover in goods produced and industrial services provided to others for turnover and new orders indices, for all units in that sector covered in the 2005 Census of Industrial Production (CIP). Weights and base year are revised every five years.
- The production index is compiled using two methods. One method is based on the valuation of quantity data at base year prices. The series has been compiled using updated prices from the Prodcop 2005 survey. Alternatively, in cases where reliable quantity data cannot be obtained current value data is converted to values at base year prices using suitable Wholesale Price Index (WPI) deflators.
- New orders indices have been produced from January 2004 onwards using reported monthly orders data. In the event of non-response, the reported turnover is used as an estimate for the calculation of new orders indices.
- Seasonal Adjustment** The data is seasonally adjusted using an X-11 procedure. This procedure is an adaptation of the US Bureau of the Census X-11 Seasonal Adjustment Program. This seasonal adjustment process is carried out once a year using the latest (currently up to and including December 2008) monthly patterns available. Each index is independently seasonally adjusted i.e. the adjusted indices of groupings of sectors are not systematically derivable as weighted averages of their component parts.
- NACE classification** The business activity classifications used in this Statistical release are based on the Statistical Classification of Economic Activities in the European Community i.e. NACE Rev. 2. The main change for the Industrial Production and Turnover release is the reclassification of local units in the Publishing sector (NACE Rev 1.1 22) to the Services sector (i.e. outside the scope of this release).
- Other changes mean that there are separate NACE groups for Food products (NACE 10), Beverages (NACE 11), Chemical and chemical products (NACE 20) and Basic pharmaceutical products and preparations (NACE 21).

The descriptions of particular NACE Rev. 2 sectors are sometimes shown in abbreviated form in the release. For further information on the NACE Rev. 2 classification of industrial activity, visit the CSO website ([http://www.cso.ie/surveysandmethodologies/classification\\_indus\\_act.htm](http://www.cso.ie/surveysandmethodologies/classification_indus_act.htm)).

**Retrospection** Indices calculated under the previous system (NACE Rev1.1 and base year 2000) have been re-cast in order to make comparisons with earlier periods. When making comparisons with data produced in previous monthly industrial production and turnover releases (classified by NACE Rev. 1.1 and NACE Rev. 70) it should be noted that the content of NACE Rev.2 sectors can be quite different from that of similarly-titled NACE Rev. 1.1 and NACE Rev. 70 sectors.