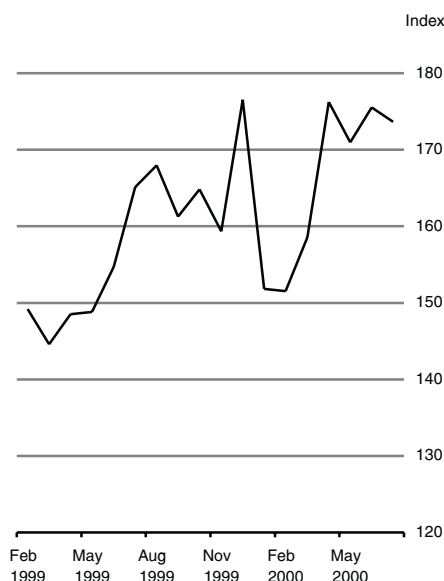




**Central Statistics Office**  
An Phríomh-Oifig Staidrimh

15 December 2000

**All Industries**  
*Seasonally Adjusted*



## Industrial Production Index

### May, June and July 2000

**Industrial production indices – All Industries**  
(Base: year 1995=100)

Unadjusted		Seasonally Adjusted	
Jul 1999	155.3	Feb – Apr 2000	161.6
Jul 2000	163.4	May – Jul 2000	173.3
% change	+5.2%	% change	+7.2%

### Production up 11.0%

Industrial production was up 11.0% in volume for the three month period May to July 2000 when compared with the same period in 1999. The year on year increases for the months May, June and July 2000 were 14.7%, 13.5% and 5.2% respectively.

The seasonally adjusted data indicate that production for the three months ending July 2000 was 7.2% above that for the three months ended April 2000. (*See Table 2.*)

The unadjusted figures for May to July 2000, when compared with the same three month period in 1999, show (*see Table 1*):

- ◆ Production increases were recorded of 39.8% for capital goods and 4.4% for consumer goods. There was a production decrease of 0.4% for intermediate products.
- ◆ The sharpest increase was in 'electrical machinery and apparatus, not elsewhere classified', where production rose by 46.3% in the period.
- ◆ The sharpest decrease was in 'wearing apparel; dressing and dyeing of fur', where production fell by 33.6% in the period.

*It is intended to publish monthly data for August, September and October 2000 at the end of January 2001.*

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Table 1 Volume Indices of Production for Industrial Sectors — May 2000

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			May 2000		March - May 2000		May 2000		March - May 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages; tobacco products</b>	<b>15 – 16</b>	<b>2104.1</b>	<b>132.2</b>	<b>+ 6.0</b>	<b>126.2</b>	<b>+ 8.8</b>	<b>117.7</b>	<b>- 7.7</b>	<b>119.4</b>	<b>- 2.6</b>
<b>Food products and beverages</b>	<b>15</b>	<b>2014.4</b>	<b>132.7</b>	<b>+ 5.3</b>	<b>126.6</b>	<b>+ 8.2</b>	<b>117.9</b>	<b>- 7.4</b>	<b>119.2</b>	<b>- 3.2</b>
<b>Food products</b>	<b>151 – 158</b>	<b>1472.3</b>	<b>135.1</b>	<b>+ 7.6</b>	<b>126.8</b>	<b>+ 8.2</b>	<b>118.5</b>	<b>- 9.6</b>	<b>119.0</b>	<b>- 1.2</b>
Meat and meat products	151	282.5	105.5	+ 2.8	108.9	+ 5.7	111.5	- 2.5	109.7	+ 4.5
Dairy products	155	227.7	138.8	+ 4.6	119.3	+ 7.0	97.1	- 8.7	100.6	+ 9.0
Bread; fresh pastry goods and cakes; rusks and biscuits; preserved pastry goods and cakes	1581, 1582	102.9	108.8	- 6.3	109.6	- 4.8	112.0	+ 2.4	113.4	+ 3.9
Sugar; cocoa; chocolate and sugar confectionery	1583, 1584	118.2	68.0	- 11.6	70.5	+ 8.8	91.8	- 13.6	110.1	+ 25.5
Grain mill products, starches and starch products; prepared animal feeds	156, 157	108.0	75.3	- 23.5	97.2	- 23.5	83.9	- 10.4	86.5	- 11.2
Other foods	152 – 154, 1585-1589	633.0	174.0	+ 17.2	155.9	+ 14.0	147.1	- 8.0	141.6	- 1.9
<b>Beverages</b>	<b>159</b>	<b>542.1</b>	<b>126.1</b>	<b>- 0.9</b>	<b>125.9</b>	<b>+ 9.0</b>	<b>112.8</b>	<b>- 14.2</b>	<b>123.9</b>	<b>- 5.1</b>
<b>Tobacco products</b>	<b>16</b>	<b>89.7</b>	<b>121.0</b>	<b>+ 26.1</b>	<b>117.2</b>	<b>+ 21.8</b>	<b>116.5</b>	<b>- 1.2</b>	<b>125.3</b>	<b>+ 12.4</b>
<b>Textiles and textile products</b>	<b>17 – 18</b>	<b>264.1</b>	<b>75.8</b>	<b>- 18.8</b>	<b>74.9</b>	<b>- 21.0</b>	<b>73.0</b>	<b>- 1.5</b>	<b>71.8</b>	<b>- 10.6</b>
<b>Textiles</b>	<b>17</b>	<b>145.1</b>	<b>83.1</b>	<b>- 8.5</b>	<b>81.1</b>	<b>- 13.6</b>	<b>79.7</b>	<b>- 1.6</b>	<b>77.8</b>	<b>- 7.8</b>
<b>Wearing apparel; dressing and dyeing of fur</b>	<b>18</b>	<b>119.0</b>	<b>67.0</b>	<b>- 30.7</b>	<b>67.4</b>	<b>- 29.7</b>	<b>65.2</b>	<b>- 4.0</b>	<b>65.3</b>	<b>- 13.3</b>
<b>Leather and leather products</b>	<b>19</b>	<b>19.8</b>	<b>76.9</b>	<b>- 3.0</b>	<b>79.4</b>	<b>- 8.2</b>	<b>79.9</b>	<b>+ 1.8</b>	<b>78.6</b>	<b>- 2.2</b>
<b>Wood and wood products</b>	<b>20</b>	<b>77.4</b>	<b>184.7</b>	<b>- 0.4</b>	<b>182.5</b>	<b>+ 2.4</b>	<b>169.4</b>	<b>- 14.5</b>	<b>178.0</b>	<b>+ 3.0</b>
<b>Pulp, paper and paper products; publishing, printing and reproduction of recorded media</b>	<b>21 – 22</b>	<b>1056.0</b>	<b>148.1</b>	<b>- 8.8</b>	<b>168.6</b>	<b>+ 0.5</b>	<b>161.0</b>	<b>- 13.2</b>	<b>173.5</b>	<b>- 11.0</b>

Table 1 Volume Indices of Production for Industrial Sectors — May 2000 continued

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base  1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			May 2000		March - May 2000		May 2000		March - May 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Pulp, paper and paper products</b>	<b>21</b>	<b>164.6</b>	<b>111.4</b>	<b>- 0.6</b>	<b>105.4</b>	<b>- 3.5</b>	<b>106.4</b>	<b>+ 8.8</b>	<b>101.7</b>	<b>- 3.1</b>
<b>Publishing, printing and reproduction of recorded media</b>	<b>22</b>	<b>891.4</b>	<b>154.9</b>	<b>- 9.8</b>	<b>180.3</b>	<b>+ 1.1</b>	<b>171.3</b>	<b>- 15.3</b>	<b>187.0</b>	<b>- 11.0</b>
Publishing; printing and service activities related to printing	221, 222	336.7	115.0	- 20.2	117.4	- 23.2	120.6	+ 0.3	121.9	- 10.6
Reproduction of recorded media	223	554.7	179.1	- 5.0	218.4	+ 12.1	200.1	- 20.7	227.0	- 11.2
<b>Chemicals, chemical products and man-made fibres</b>	<b>24</b>	<b>2751.9</b>	<b>219.4</b>	<b>+ 17.7</b>	<b>220.1</b>	<b>+ 8.9</b>	<b>213.4</b>	<b>+ 3.0</b>	<b>206.2</b>	<b>+ 12.6</b>
Basic chemicals	241	1469.5	231.0	+ 8.2	255.9	+ 9.6	224.3	- 14.7	239.3	+ 23.7
Pharmaceuticals, medicinal chemicals and botanical products	244	647.0	270.1	+ 56.6	218.6	+ 15.8	263.0	+ 64.0	205.2	+ 1.7
Other chemicals and chemical products	242, 243, 245 – 247	635.4	141.0	+ 2.4	138.9	- 4.0	136.4	+ 7.4	130.3	- 1.7
<b>Rubber and plastic products</b>	<b>25</b>	<b>270.1</b>	<b>103.5</b>	<b>+ 4.3</b>	<b>103.7</b>	<b>+ 7.8</b>	<b>98.9</b>	<b>- 1.5</b>	<b>100.6</b>	<b>- 1.9</b>
<b>Other non-metallic mineral products</b>	<b>26</b>	<b>311.9</b>	<b>149.5</b>	<b>+ 13.1</b>	<b>139.5</b>	<b>+ 13.1</b>	<b>136.4</b>	<b>- 0.5</b>	<b>134.4</b>	<b>+ 6.2</b>
<b>Basic metals and fabricated metal products</b>	<b>27 – 28</b>	<b>307.9</b>	<b>122.2</b>	<b>+ 5.6</b>	<b>131.5</b>	<b>+ 17.1</b>	<b>115.9</b>	<b>- 15.1</b>	<b>124.1</b>	<b>- 8.3</b>
<b>Basic metals</b>	<b>27</b>	<b>63.9</b>	<b>92.4</b>	<b>+ 3.5</b>	<b>98.0</b>	<b>+ 6.6</b>	<b>87.9</b>	<b>- 8.3</b>	<b>89.1</b>	<b>- 6.3</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>28</b>	<b>244.0</b>	<b>130.0</b>	<b>+ 6.0</b>	<b>140.2</b>	<b>+ 19.5</b>	<b>122.1</b>	<b>- 17.6</b>	<b>134.1</b>	<b>- 8.2</b>
<b>Machinery and equipment, not elsewhere classified</b>	<b>29</b>	<b>417.5</b>	<b>105.1</b>	<b>- 2.2</b>	<b>108.4</b>	<b>+ 1.5</b>	<b>104.1</b>	<b>- 1.5</b>	<b>103.9</b>	<b>+ 6.2</b>
<b>Electrical and optical equipment</b>	<b>30 - 33</b>	<b>2710.3</b>	<b>217.7</b>	<b>+ 33.1</b>	<b>221.3</b>	<b>+ 31.0</b>	<b>232.3</b>	<b>- 0.4</b>	<b>218.7</b>	<b>+ 11.4</b>
<b>Office machinery and computers</b>	<b>30</b>	<b>1571.5</b>	<b>197.1</b>	<b>+ 37.9</b>	<b>200.4</b>	<b>+ 30.0</b>	<b>218.6</b>	<b>+ 5.7</b>	<b>198.3</b>	<b>+ 1.1</b>

Table 1 Volume Indices of Production for Industrial Sectors — May 2000 continued

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			May 2000		March - May 2000		May 2000		March - May 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Electrical machinery and apparatus, not elsewhere classified	31	413.2	255.0	+ 36.6	235.7	+ 22.8	285.5	+ 13.6	248.0	+ 27.7
Radio, television and communication equipment and apparatus	32	228.7	212.0	+ 44.6	211.4	+ 39.5	233.7	+ 10.5	219.0	+ 39.0
Medical, precision and optical instruments, watches and clocks	33	496.9	254.3	+ 17.0	280.3	+ 40.4	230.3	- 23.6	258.1	+ 9.7
Transport equipment	34 – 35	210.2	191.9	+ 11.4	211.6	+ 25.2	192.1	- 24.3	208.8	+ 25.2
Manufacturing not elsewhere classified; recycling; refined petroleum products	36, 37, 23	292.1	132.7	+ 21.3	135.2	+ 29.3	123.7	- 10.3	132.7	+ 1.3
Manufacturing industries		10,793.3	176.0	+ 15.3	178.4	+ 14.2	175.8	- 2.5	172.4	+ 5.4
Mining and quarrying	10 – 14	300.6	121.2	+ 29.0	111.3	+ 35.7	125.9	- 5.6	122.7	+ 19.7
Transportable goods industries		11,093.8	174.5	+ 15.5	176.6	+ 14.6	174.5	- 2.6	171.3	+ 5.6
of which: Industries mainly or wholly producing										
Capital goods		2,795.6	212.8	+ 31.1	218.3	+ 30.1	229.6	- 2.5	218.2	+ 14.0
Intermediate products		4,627.9	180.0	+ 11.9	186.8	+ 10.3	172.3	- 4.3	176.2	+ 0.9
Consumer goods		3,670.3	138.3	+ 6.4	132.0	+ 7.3	126.2	- 4.6	127.4	- 5.3
Of which: Durable consumer goods <sup>1</sup>		390.1	141.7	+ 25.3	149.3					
Non-durable consumer goods <sup>1</sup>		3,280.2	137.9	+ 4.5	130.0					
Electricity, gas and water supply	40 – 41	760.2	116.8	- 1.2	125.7	+ 3.4	121.3	- 7.0	123.8	- 4.2
All industries		11,854.0	170.8	+ 14.7	173.3	+ 14.0	171.0	- 3.0	168.2	+ 5.3
of which: Energy producing industries	10,11,12, 23, 40	911.4	114.7	+ 1.1	118.3	+ 5.7	120.3	- 6.9	120.9	- 1.4

<sup>1</sup> The breakdown between Durable and Non-durable consumer goods was not a feature of previous releases

Table 1 Volume Indices of Production for Industrial Sectors — June 2000

Base: Year 1995 =100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			June 2000		April - June 2000		June 2000		April – June 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages; tobacco products</b>	<b>15 – 16</b>	<b>2104.1</b>	<b>127.0</b>	<b>+ 4.8</b>	<b>130.8</b>	<b>+ 10.3</b>	<b>115.9</b>	<b>- 1.5</b>	<b>120.1</b>	<b>+ 5.1</b>
<b>Food products and beverages</b>	<b>15</b>	<b>2014.4</b>	<b>127.0</b>	<b>+ 4.4</b>	<b>131.2</b>	<b>+ 9.8</b>	<b>116.0</b>	<b>- 1.7</b>	<b>120.2</b>	<b>+ 5.2</b>
<b>Food products</b>	<b>151 – 158</b>	<b>1472.3</b>	<b>126.2</b>	<b>+ 4.0</b>	<b>132.5</b>	<b>+ 11.2</b>	<b>115.7</b>	<b>- 2.3</b>	<b>121.4</b>	<b>+ 11.8</b>
Meat and meat products	151	282.5	99.5	+ 3.1	105.9	+ 6.6	117.1	+ 5.0	114.3	+ 13.3
Dairy products	155	227.7	142.2	+ 8.6	138.3	+ 9.2	98.4	+ 1.3	100.4	+ 2.1
Bread; fresh pastry goods and cakes; rusks and biscuits; preserved pastry goods and cakes	1581, 1582	102.9	117.1	+ 0.9	111.5	- 4.2	116.9	+ 4.4	112.9	- 1.9
Sugar; cocoa; chocolate and sugar confectionery	1583, 1584	118.2	69.8	+ 11.5	68.7	+ 2.4	102.7	+ 11.9	99.9	+ 4.3
Grain mill products, starches and starch products; prepared animal feeds	156, 157	108.0	72.6	- 12.9	84.2	- 18.6	91.6	+ 9.1	89.5	- 0.7
Other foods	152 – 154, 1585-1589	633.0	153.4	+ 4.2	165.9	+ 18.4	134.9	- 8.3	146.9	+ 22.1
<b>Beverages</b>	<b>159</b>	<b>542.1</b>	<b>129.3</b>	<b>+ 5.4</b>	<b>127.6</b>	<b>+ 6.4</b>	<b>115.9</b>	<b>+ 2.8</b>	<b>119.6</b>	<b>- 8.9</b>
<b>Tobacco products</b>	<b>16</b>	<b>89.7</b>	<b>125.6</b>	<b>+ 16.3</b>	<b>120.9</b>	<b>+ 20.8</b>	<b>121.7</b>	<b>+ 4.5</b>	<b>118.7</b>	<b>- 0.5</b>
<b>Textiles and textile products</b>	<b>17 – 18</b>	<b>264.1</b>	<b>77.7</b>	<b>- 19.8</b>	<b>75.3</b>	<b>- 17.8</b>	<b>72.3</b>	<b>- 0.9</b>	<b>73.1</b>	<b>+ 3.0</b>
<b>Textiles</b>	<b>17</b>	<b>145.1</b>	<b>88.7</b>	<b>- 5.7</b>	<b>83.5</b>	<b>- 6.8</b>	<b>82.4</b>	<b>+ 3.4</b>	<b>81.0</b>	<b>+ 5.7</b>
<b>Wearing apparel; dressing and dyeing of fur</b>	<b>18</b>	<b>119.0</b>	<b>64.2</b>	<b>- 35.9</b>	<b>65.2</b>	<b>- 30.6</b>	<b>60.7</b>	<b>- 7.0</b>	<b>64.5</b>	<b>+ 0.8</b>
<b>Leather and leather products</b>	<b>19</b>	<b>19.8</b>	<b>74.1</b>	<b>- 14.8</b>	<b>76.5</b>	<b>- 10.3</b>	<b>73.2</b>	<b>- 8.3</b>	<b>77.2</b>	<b>- 1.5</b>
<b>Wood and wood products</b>	<b>20</b>	<b>77.4</b>	<b>171.9</b>	<b>- 6.8</b>	<b>181.2</b>	<b>- 0.4</b>	<b>156.7</b>	<b>- 7.5</b>	<b>173.9</b>	<b>+ 1.8</b>
<b>Pulp, paper and paper products; publishing, printing and reproduction of recorded media</b>	<b>21 – 22</b>	<b>1056.0</b>	<b>197.1</b>	<b>+ 29.7</b>	<b>172.8</b>	<b>+ 9.4</b>	<b>207.5</b>	<b>+ 28.9</b>	<b>184.3</b>	<b>+ 9.6</b>

Table 1 Volume Indices of Production for Industrial Sectors — June 2000 continued

Base: Year 1995 =100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			June 2000		April - June 2000		June 2000		April - June 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Pulp, paper and paper products</b>	<b>21</b>	<b>164.6</b>	<b>109.9</b>	<b>+ 4.1</b>	<b>107.7</b>	<b>+ 0.3</b>	<b>107.2</b>	<b>+ 0.8</b>	<b>104.0</b>	<b>+ 0.8</b>
<b>Publishing, printing and reproduction of recorded media</b>	<b>22</b>	<b>891.4</b>	<b>213.2</b>	<b>+ 32.8</b>	<b>184.8</b>	<b>+ 10.5</b>	<b>227.5</b>	<b>+ 32.8</b>	<b>199.9</b>	<b>+ 11.2</b>
Publishing; printing and service activities related to printing	221, 222	336.7	126.3	- 3.7	118.8	- 17.1	138.0	+ 14.4	126.4	+ 3.4
Reproduction of recorded media	223	554.7	266.0	+ 49.1	224.9	+ 22.8	285.1	+ 42.4	245.0	+ 13.2
<b>Chemicals, chemical products and man-made fibres</b>	<b>24</b>	<b>2751.9</b>	<b>220.1</b>	<b>- 0.5</b>	<b>220.9</b>	<b>+ 6.6</b>	<b>203.4</b>	<b>- 4.7</b>	<b>208.1</b>	<b>+ 18.0</b>
Basic chemicals	241	1469.5	222.8	- 14.7	244.2	+ 1.4	205.2	- 8.5	229.6	+ 18.0
Pharmaceuticals, medicinal chemicals and botanical products	244	647.0	275.8	+ 36.0	242.5	+ 26.4	256.1	- 2.7	229.2	+ 25.0
Other chemicals and chemical products	242, 243, 245 – 247	635.4	157.0	+ 7.0	145.1	0.0	147.2	+ 8.0	137.2	+ 6.8
<b>Rubber and plastic products</b>	<b>25</b>	<b>270.1</b>	<b>102.1</b>	<b>- 5.5</b>	<b>102.9</b>	<b>+ 1.5</b>	<b>94.4</b>	<b>- 4.5</b>	<b>97.8</b>	<b>- 4.4</b>
<b>Other non-metallic mineral products</b>	<b>26</b>	<b>311.9</b>	<b>152.7</b>	<b>+ 13.5</b>	<b>146.2</b>	<b>+ 14.2</b>	<b>138.9</b>	<b>+ 1.9</b>	<b>137.5</b>	<b>+ 6.2</b>
<b>Basic metals and fabricated metal products</b>	<b>27 – 28</b>	<b>307.9</b>	<b>124.8</b>	<b>+ 2.0</b>	<b>128.2</b>	<b>+ 11.1</b>	<b>116.4</b>	<b>+ 0.5</b>	<b>122.4</b>	<b>- 3.5</b>
<b>Basic metals</b>	<b>27</b>	<b>63.9</b>	<b>93.5</b>	<b>+ 4.5</b>	<b>96.2</b>	<b>+ 7.0</b>	<b>89.2</b>	<b>+ 1.5</b>	<b>90.8</b>	<b>+ 1.1</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>28</b>	<b>244.0</b>	<b>132.9</b>	<b>+ 1.6</b>	<b>136.6</b>	<b>+ 12.1</b>	<b>123.2</b>	<b>+ 0.9</b>	<b>130.5</b>	<b>- 5.0</b>
<b>Machinery and equipment, not elsewhere classified</b>	<b>29</b>	<b>417.5</b>	<b>117.4</b>	<b>+ 16.4</b>	<b>110.2</b>	<b>+ 6.4</b>	<b>113.1</b>	<b>+ 8.6</b>	<b>107.6</b>	<b>+ 11.0</b>
<b>Electrical and optical equipment</b>	<b>30 - 33</b>	<b>2710.3</b>	<b>244.9</b>	<b>+ 32.3</b>	<b>229.5</b>	<b>+ 34.1</b>	<b>241.5</b>	<b>+ 3.9</b>	<b>235.7</b>	<b>+ 20.3</b>
<b>Office machinery and computers</b>	<b>30</b>	<b>1571.5</b>	<b>232.2</b>	<b>+ 42.4</b>	<b>209.9</b>	<b>+ 36.5</b>	<b>232.0</b>	<b>+ 6.1</b>	<b>219.5</b>	<b>+ 17.4</b>

Table 1 Volume Indices of Production for Industrial Sectors — June 2000 continued

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			June 2000		April - June 2000		June 2000		April - June 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Electrical machinery and apparatus, not elsewhere classified	31	413.2	280.3	+ 25.8	256.5	+ 30.2	289.0	+ 1.2	276.2	+ 30.8
Radio, television and communication equipment and apparatus	32	228.7	229.2	+ 23.6	213.3	+ 34.8	239.3	+ 2.4	228.8	+ 35.9
Medical, precision and optical instruments, watches and clocks	33	496.9	262.6	+ 17.6	276.3	+ 32.7	235.5	+ 2.3	253.9	+ 4.6
Transport equipment	34 – 35	210.2	221.7	+ 49.2	216.9	+ 37.2	227.0	+ 18.1	222.8	+ 26.5
Manufacturing not elsewhere classified; recycling; refined petroleum products	36, 37, 23	292.1	149.0	+ 41.2	139.4	+ 31.6	139.8	+ 13.0	133.5	- 2.3
Manufacturing industries		10,793.3	188.3	+ 14.2	182.3	+ 15.8	180.9	+ 2.9	178.9	+ 13.7
Mining and quarrying	10 – 14	300.6	146.6	- 3.1	126.1	+ 19.6	99.7	- 20.7	119.3	+ 13.4
Transportable goods industries		11,093.8	187.2	+ 13.8	180.8	+ 15.9	179.0	+ 2.6	177.4	+ 13.6
of which: Industries mainly or wholly producing										
Capital goods		2,795.6	241.8	+ 36.2	226.8	+ 35.5	243.0	+ 5.8	235.9	+ 22.5
Intermediate products		4,627.9	195.0	+ 6.4	188.7	+ 9.1	178.9	+ 3.9	176.9	+ 8.7
Consumer goods		3,670.3	135.7	+ 3.6	136.0	+ 7.6	125.3	- 0.7	127.8	+ 1.8
of which: Durable consumer goods <sup>1</sup>		390.1	154.9	+ 27.2	145.1					
Non-durable consumer goods <sup>1</sup>		3,280.2	133.4	+ 1.0	134.9					
Electricity, gas and water supply	40 – 41	760.2	117.6	+ 7.7	121.2	+ 5.2	130.0	+ 7.1	127.2	+ 2.6
All industries		11,854.0	182.7	+ 13.5	177.0	+ 15.4	175.5	+ 2.7	174.1	+ 13.0
of which: Energy producing industries	10, 11, 12, 23, 40	911.4	122.5	0.0	119.0	+ 4.6	113.3	- 5.8	120.7	+ 2.2

<sup>1</sup> The breakdown between Durable and Non-durable consumer goods was not a feature of previous releases

Table 1 Volume Indices of Production for Industrial Sectors — July 2000

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			July 2000		May - July 2000		July 2000		May - July 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Food products and beverages; tobacco products</b>	<b>15 – 16</b>	<b>2104.1</b>	<b>120.1</b>	<b>+ 7.8</b>	<b>126.5</b>	<b>+ 6.4</b>	<b>109.0</b>	<b>- 6.0</b>	<b>114.3</b>	<b>- 4.4</b>
<b>Food products and beverages</b>	<b>15</b>	<b>2014.4</b>	<b>120.3</b>	<b>+ 7.6</b>	<b>126.8</b>	<b>+ 6.0</b>	<b>108.8</b>	<b>- 6.2</b>	<b>114.3</b>	<b>- 3.9</b>
<b>Food products</b>	<b>151 – 158</b>	<b>1472.3</b>	<b>115.2</b>	<b>+ 1.8</b>	<b>125.6</b>	<b>+ 4.8</b>	<b>101.4</b>	<b>- 12.4</b>	<b>112.0</b>	<b>- 3.7</b>
Meat and meat products	151	282.5	91.6	- 5.5	98.9	+ 0.3	108.2	- 7.6	112.3	+ 3.4
Dairy products	155	227.7	125.6	+ 13.5	135.6	+ 9.0	102.4	+ 4.1	99.3	- 0.9
Bread; fresh pastry goods and cakes; rusks and biscuits; preserved pastry goods and cakes	1581, 1582	102.9	108.4	+ 2.1	111.4	- 1.1	111.3	- 4.8	113.4	- 0.7
Sugar; cocoa; chocolate and sugar confectionery	1583, 1584	118.2	62.5	+ 13.3	66.8	+ 3.6	98.6	- 4.0	97.6	- 12.3
Grain mill products, starches and starch products; prepared animal feeds	156, 157	108.0	67.7	- 8.0	71.9	- 15.2	90.8	- 0.8	88.7	- 1.0
Other foods	152 – 154, 1585-1589	633.0	141.0	+ 0.7	156.4	+ 7.8	110.8	- 17.9	131.2	- 0.5
<b>Beverages</b>	<b>159</b>	<b>542.1</b>	<b>134.4</b>	<b>+ 24.1</b>	<b>129.9</b>	<b>+ 9.1</b>	<b>136.7</b>	<b>+ 18.0</b>	<b>121.7</b>	<b>- 8.4</b>
<b>Tobacco products</b>	<b>16</b>	<b>89.7</b>	<b>114.8</b>	<b>+ 13.0</b>	<b>120.5</b>	<b>+ 18.3</b>	<b>124.6</b>	<b>+ 2.4</b>	<b>120.9</b>	<b>- 6.5</b>
<b>Textiles and textile products</b>	<b>17 – 18</b>	<b>264.1</b>	<b>70.9</b>	<b>- 20.0</b>	<b>74.8</b>	<b>- 19.5</b>	<b>73.1</b>	<b>+ 1.1</b>	<b>72.8</b>	<b>+ 5.1</b>
<b>Textiles</b>	<b>17</b>	<b>145.1</b>	<b>79.6</b>	<b>- 7.2</b>	<b>83.8</b>	<b>- 7.0</b>	<b>82.3</b>	<b>- 0.1</b>	<b>81.4</b>	<b>+ 7.8</b>
<b>Wearing apparel; dressing and dyeing of fur</b>	<b>18</b>	<b>119.0</b>	<b>60.2</b>	<b>- 34.6</b>	<b>63.9</b>	<b>- 33.6</b>	<b>60.8</b>	<b>+ 0.3</b>	<b>62.3</b>	<b>- 0.6</b>
<b>Leather and leather products</b>	<b>19</b>	<b>19.8</b>	<b>72.7</b>	<b>+ 6.8</b>	<b>74.6</b>	<b>- 4.2</b>	<b>78.6</b>	<b>+ 7.3</b>	<b>77.3</b>	<b>- 2.0</b>
<b>Wood and wood products</b>	<b>20</b>	<b>77.4</b>	<b>159.7</b>	<b>+ 8.1</b>	<b>172.3</b>	<b>+ 0.2</b>	<b>162.3</b>	<b>+ 3.5</b>	<b>162.9</b>	<b>- 7.5</b>
<b>Pulp, paper and paper products; publishing, printing and reproduction of recorded media</b>	<b>21 – 22</b>	<b>1056.0</b>	<b>153.6</b>	<b>- 2.2</b>	<b>166.0</b>	<b>+ 5.7</b>	<b>180.1</b>	<b>- 13.2</b>	<b>182.5</b>	<b>+ 4.7</b>



Table 1 Volume Indices of Production for Industrial Sectors – July 2000 continued

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			July 2000		May - July 2000		July 2000		May - July 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
<b>Pulp, paper and paper products</b>	<b>21</b>	<b>164.6</b>	<b>107.0</b>	<b>+ 2.5</b>	<b>109.5</b>	<b>+ 2.1</b>	<b>109.0</b>	<b>+ 1.6</b>	<b>107.5</b>	<b>+ 5.9</b>
<b>Publishing, printing and reproduction of recorded media</b>	<b>22</b>	<b>891.4</b>	<b>162.2</b>	<b>- 2.7</b>	<b>176.4</b>	<b>+ 6.1</b>	<b>193.8</b>	<b>- 14.8</b>	<b>197.2</b>	<b>+ 5.1</b>
Publishing; printing and service activities related to printing	221, 222	336.7	104.9	- 1.1	115.4	- 8.8	122.2	- 11.4	126.9	+ 3.5
Reproduction of recorded media	223	554.7	197.0	- 3.2	213.5	+ 12.1	239.7	- 15.9	241.0	+ 5.0
<b>Chemicals, chemical products and man-made fibres</b>	<b>24</b>	<b>2751.9</b>	<b>176.1</b>	<b>- 27.0</b>	<b>205.4</b>	<b>- 5.4</b>	<b>192.9</b>	<b>- 5.2</b>	<b>203.4</b>	<b>+ 9.1</b>
Basic chemicals	241	1469.5	169.3	- 43.3	208.1	- 19.7	187.7	- 8.5	206.0	- 4.7
Pharmaceuticals, medicinal chemicals and botanical products	244	647.0	230.2	+ 3.2	258.9	+ 29.3	251.8	- 1.7	257.1	+ 41.0
Other chemicals and chemical products	242, 243, 245 – 247	635.4	136.8	+ 6.7	144.9	+ 5.5	146.9	- 0.2	143.4	+ 17.5
<b>Rubber and plastic products</b>	<b>25</b>	<b>270.1</b>	<b>98.5</b>	<b>+ 3.7</b>	<b>101.4</b>	<b>+ 0.7</b>	<b>100.2</b>	<b>+ 6.1</b>	<b>97.9</b>	<b>- 3.5</b>
<b>Other non-metallic mineral products</b>	<b>26</b>	<b>311.9</b>	<b>138.0</b>	<b>+ 15.4</b>	<b>146.8</b>	<b>+ 14.2</b>	<b>131.7</b>	<b>- 5.2</b>	<b>135.7</b>	<b>+ 3.3</b>
<b>Basic metals and fabricated metal products</b>	<b>27 – 28</b>	<b>307.9</b>	<b>119.7</b>	<b>+ 10.6</b>	<b>122.2</b>	<b>+ 6.0</b>	<b>129.7</b>	<b>+ 11.4</b>	<b>120.6</b>	<b>- 6.1</b>
<b>Basic metals</b>	<b>27</b>	<b>63.9</b>	<b>91.4</b>	<b>+ 6.7</b>	<b>92.5</b>	<b>+ 5.0</b>	<b>110.3</b>	<b>+ 23.6</b>	<b>95.7</b>	<b>+ 6.9</b>
<b>Fabricated metal products, except machinery and equipment</b>	<b>28</b>	<b>244.0</b>	<b>127.1</b>	<b>+ 11.4</b>	<b>130.0</b>	<b>+ 6.2</b>	<b>134.8</b>	<b>+ 9.4</b>	<b>126.6</b>	<b>- 9.7</b>
<b>Machinery and equipment, not elsewhere classified</b>	<b>29</b>	<b>417.5</b>	<b>98.9</b>	<b>+ 12.2</b>	<b>107.1</b>	<b>+ 8.7</b>	<b>108.3</b>	<b>- 4.2</b>	<b>108.4</b>	<b>+ 6.6</b>
<b>Electrical and optical equipment</b>	<b>30 - 33</b>	<b>2710.3</b>	<b>237.3</b>	<b>+ 51.5</b>	<b>233.0</b>	<b>+ 38.4</b>	<b>272.8</b>	<b>+ 12.9</b>	<b>248.6</b>	<b>+ 19.9</b>
<b>Office machinery and computers</b>	<b>30</b>	<b>1571.5</b>	<b>215.8</b>	<b>+ 56.9</b>	<b>214.8</b>	<b>+ 45.3</b>	<b>248.6</b>	<b>+ 7.2</b>	<b>232.8</b>	<b>+ 23.0</b>

Table 1 Volume Indices of Production for Industrial Sectors — July 2000 continued

Base: Year 1995 = 100

Industrial Sector	NACE Code	Weighting base 1995 Gross value added £m	Index – Unadjusted				Index – Seasonally adjusted			
			July 2000		May – July 2000		July 2000		May - July 2000	
			Index	Annual % change	Index	Annual % change	Index	% change on preceding month	Index	% change on preceding 3 months
Electrical machinery and apparatus, not elsewhere classified	31	413.2	349.9	+ 80.7	294.4	+ 46.3	421.0	+ 45.7	331.1	+ 43.0
Radio, television and communication equipment and apparatus	32	228.7	193.8	+ 43.3	211.7	+ 36.1	232.1	- 3.0	235.0	+ 20.7
Medical, precision and optical instruments, watches and clocks	33	496.9	231.7	+ 18.1	249.6	+ 17.8	237.4	+ 0.8	234.3	- 11.1
Transport equipment	34 – 35	210.2	193.4	+ 28.9	202.2	+ 29.1	222.5	- 2.0	213.5	+ 4.9
Manufacturing not elsewhere classified; recycling; refined petroleum products	36, 37, 23	292.1	106.5	+ 13.6	129.5	+ 26.1	109.9	- 21.4	124.5	- 11.6
Manufacturing industries		10,793.3	166.3	+ 4.5	176.8	+ 11.2	177.5	- 1.9	178.0	+ 7.7
Mining and quarrying	10 – 14	300.6	182.4	+ 26.2	149.6	+ 14.5	146.8	+ 47.1	124.2	+ 7.5
Transportable goods industries		11,093.8	166.7	+ 5.1	176.1	+ 11.3	175.9	- 1.7	176.4	+ 7.5
of which: Industries mainly or wholly producing										
Capital goods		2,795.6	231.1	+ 53.5	228.3	+ 39.8	270.0	+ 11.1	247.3	+ 20.2
Intermediate products		4,627.9	159.3	- 16.7	178.2	- 0.4	164.1	- 8.3	171.8	+ 2.6
Consumer goods		3,670.3	127.0	+ 2.6	133.8	+ 4.4	119.6	- 4.6	123.7	- 4.1
Of which: Durable consumer goods <sup>1</sup>		390.1	113.7	+ 9.7	136.8	+ 21.4				
Non-durable consumer goods <sup>1</sup>		3,280.2	128.6	+ 1.9	133.4	+ 2.6				
Electricity, gas and water supply	40 – 41	760.2	115.0	+ 8.9	116.5	+ 4.9	131.9	+ 1.5	127.7	+ 1.4
All industries		11,854.0	163.4	+ 5.2	172.3	+ 11.0	173.7	- 1.1	173.3	+ 7.2
of which: Energy producing industries	10,11,12, 23, 40	911.4	134.2	+ 13.8	123.7	+ 4.7	137.2	+ 21.1	123.6	+ 2.0

<sup>1</sup> The breakdown between Durable and Non-durable consumer goods was only recently introduced

**Table 2 Volume of Production Indices for Manufacturing and All Industries**

(Base: Year 1995 = 100)

Period	Manufacturing Industries				All Industries			
	Unadjusted		Seasonally Adjusted		Unadjusted		Seasonally Adjusted	
	Index	Annual % change	Index	% Change on preceding period	Index	Annual % change	Index	% Change on preceding Period
1996	108.0	8.0			107.5	7.5		
1997	125.6	16.3			123.4	14.8		
1998	146.2	16.4			142.3	15.3		
1999	161.5	10.5			157.2	10.5		
1998 Quarter 1	143.6	18.0	139.5	6.0	140.1	16.6	136.3	5.7
" 2	145.4	15.8	142.1	1.9	141.4	14.8	138.7	1.8
" 3	140.4	16.2	151.0	6.3	136.7	15.0	146.2	5.4
" 4	155.6	16.0	152.8	1.2	151.2	15.0	148.6	1.6
1999 Quarter 1	156.3	8.8	151.5	-0.9	152.5	8.9	147.9	-0.5
" 2	157.4	8.3	154.2	1.8	153.4	8.5	150.7	1.9
" 3	158.1	12.6	170.1	10.3	153.8	12.5	164.7	9.3
" 4	174.4	12.1	171.4	0.8	169.5	12.1	166.6	1.2
2000 Quarter 1	162.7	4.1	157.3	-8.2	159.2	4.4	154.1	-7.5
" 2	182.3	15.8	178.9	13.7	177.0	15.4	174.1	13.0
Feb 00 – Apr 00	171.3	9.5	165.2	-0.8	167.0	9.7	161.6	-0.5
May 00 – Jul 00	176.8	11.2	178.0	7.7	172.3	11.0	173.3	7.2
1999 January	154.3	14.4	153.8	-0.4	150.8	14.1	150.1	0.3
February	153.3	7.6	153.1	-0.5	149.5	7.7	149.2	-0.6
March	161.0	4.9	148.0	-3.3	156.8	5.1	144.6	-3.1
April	154.6	6.7	152.0	2.7	150.0	6.6	148.5	2.7
May	152.6	6.6	152.1	0.1	148.9	6.5	148.8	0.2
June	164.9	11.4	158.4	4.1	161.0	12.1	154.7	4.0
July	159.1	19.6	169.8	7.2	155.3	19.8	165.1	6.7
August	149.9	10.1	175.1	3.1	146.3	9.7	167.9	1.7
September	165.1	8.5	165.8	-5.5	159.5	8.4	161.3	-4.2
October	177.7	9.1	169.7	2.4	171.6	9.0	164.8	2.2
November	171.6	10.2	163.6	-3.6	167.0	10.0	159.3	-3.3
December	174.1	17.5	181.7	11.1	170.2	17.7	176.5	10.8
2000 January	155.6	0.8	154.9	-14.8	152.7	1.3	151.8	-14.0
February	154.7	1.0	154.4	-0.3	152.0	1.7	151.5	-0.2
March	176.8	9.8	162.4	5.1	172.0	9.7	158.5	4.6
April	183.1	18.5	180.2	11.0	177.8	18.6	176.2	11.2
May	176.0	15.3	175.8	-2.5	170.8	14.7	171.0	-3.0
June	188.3	14.2	180.9	2.9	182.7	13.5	175.5	2.7
July	166.3	4.5	177.5	-1.9	163.4	5.2	173.7	-1.1

## Background Notes

<b>Introduction</b>	The monthly industrial production index monitors current trends in the volume of production of industrial local units with three or more persons engaged. Previously indices were published to base 1985 = 100 and using the old Nace 70 industrial classification. Starting with May 1999, the indices are being published to base 1995 = 100 and using the NACE Rev. 1 classification. There are, therefore, fairly large discontinuities vis-à-vis the former series but estimates have been made for earlier periods to provide some degree of retrospection. The opportunity has been taken to incorporate other changes as described below.
<b>Sample covered</b>	The monthly survey which provides data for calculating the index covers the larger local units which between them account for the bulk of industrial output – in general those which in the base year 1995 had twenty or more persons engaged.
<b>Methodology</b>	Individual sub-indices are compiled for each detailed NACE class. Further details on how this is done will be published in a future issue of the Irish Statistical Bulletin. 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 all units in that sector covered in the 1995 Census of Industrial Production. In the old system the value of net output for all units in a sector was used as the weight. This change has been made to better reflect the relative contribution of each sector to the change in value added at constant prices which is the primary purpose of the index.
<b>Seasonal Adjustment</b>	The indices are adjusted using the multiplicative version of the X-11 Variant of the US Bureau of the Census Method II Seasonal Adjustment Program. This seasonal adjustment process is carried out once a year using the latest (currently up to and including July 1999) monthly production 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.
<b>Retrospection</b>	To enable comparisons to be made with earlier periods efforts have been made to re-cast indices calculated under the previous system to take account of the changes between the old and new systems. It must be emphasised that the results of this exercise are of an approximate nature particularly at the sector level. Re-casting the indices prior to May 1999 calculated under the old system can give rise to some apparently anomalous effects; one particular consequence is that year-on-year changes will differ slightly from those previously published.
<b>NACE classification</b>	The descriptions of particular NACE Rev. 1 sectors are sometimes shown in abbreviated form in the release. Fuller descriptions are given in recent Census of Industrial Production publications. When making comparisons with data produced in previous monthly industrial production releases (classified by NACE 70) it should be noted that the content of NACE Rev. 1 sectors can be quite different from that of similarly-titled NACE 70 sectors.

### Summary of main changes - Introduced from May 1999

	New system	Old system
• Activity classification	NACE Rev. 1	NACE 70
• Base year		
- Presentation base year	1995	1985
- Sample selection year	1995	1982
- Sectoral weights reference year	1995	1987
• Sectoral weights used	Gross value added	Net output
• Source of commodity list and prices	1995 PRODCOM inquiry	1982 Census of Industrial Production