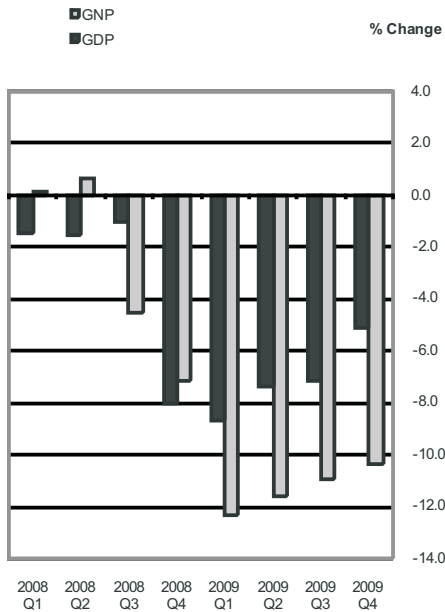




## Quarterly National Accounts

### Quarter 4 2009 and Year 2009 (preliminary)

Year on year growth rates



GDP and GNP at constant prices

	Q4 2009	Jan-Dec 2009	Q4 2009	Jan-Dec 2009
	Amount €m		Annual % change	
<b>GDP</b>	42,111	170,934	-5.1	-7.1
<b>GNP</b>	34,248	139,017	-10.4	-11.3

### Large decline in Output in 2009

The first estimates of Gross Domestic Product (GDP) and Gross National Product (GNP) for the year 2009 as a whole indicate that GDP was 7.1 per cent lower than in 2008 while GNP was 11.3 per cent lower than in 2008. This is the largest decline in output ever recorded in a single year.

Initial estimates for the fourth quarter of 2009 show a decline, on a seasonally adjusted basis, of 2.3 per cent in both GDP and GNP compared with the previous quarter. In comparison with the corresponding quarter of 2008, GDP at constant prices was 5.1 per cent lower while GNP was 10.4 per cent lower.

Some of the main features of the results are:

- ◆ *Consumer spending* (personal consumption of goods and services) in volume terms was 5.2 per cent lower in Q4 2009 compared with the same period of the previous year.
- ◆ *Capital investment*, in constant prices, declined by 28.2 per cent in Q4 2009 compared with Q4 2008.
- ◆ *Net Exports (exports minus imports)* in constant prices were €2,042 million higher in Q4 2009 compared with Q4 2008.
- ◆ The volume of output of *Industry (incl. Construction)* decreased by 6 per cent in Q4 2009 compared with Q4 2008. Within this the output of the Construction sector fell by 32.3 per cent over the same period. Output of *Distribution, Transport and Communications* was down 7.0 per cent, while Output of *Other Services* was 2.3 per cent lower in the fourth quarter of 2009 compared with the same period of last year.

### GNP

The estimate of GNP is derived by adjusting GDP for income flows between residents and non-residents. The timing of these flows can be variable. They include, in particular, the profits of foreign owned enterprises which increased by €858m between Q4 2008 and Q4 2009. The increase, in this quarter, in the net factor income flows is also affected by (a) reduced credits (inward flows), compared to Q4 2008, to Irish outward direct investment enterprises and (b) increased interest payments on government debt. As a result, the decline in GNP was more severe than that in GDP.

The calculation methods for quarterly accounts are similar to those used in the annual National Income and Expenditure. As some of the available sources are of lesser reliability than those used for the annual national accounts, the quarterly estimates are subject to a greater margin of error than the annual figures. **These preliminary estimates will therefore be revised when the next detailed annual results are published.**

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## **Seasonally adjusted series**

The seasonally adjusted estimates show that there was a decline of 2.3 per cent in both GDP and GNP for Q4 2009, compared with the previous quarter.

The expenditure components had decreases on a seasonally adjusted basis in personal consumption, capital formation, government expenditure with little change in exports and imports resulting in a decline of 2.3 per cent in GDP. On the Output side of the accounts there were seasonally adjusted declines in industry, building and construction, distribution, transport and communication and other services.

**Table 1 Gross Domestic Product by Sector of Origin and Gross National Product at Constant Market Prices (Chain linked annually and referenced to year 2007)\***

Period	Agric. forestry and fishing	Industry	<i>of which</i> Building and construction	Dist. transport and comms.	Public admin. and defence	Other services (including rent)	GDP at constant factor cost	Taxes less subsidies	GDP at constant market prices	Net factor income rest of world	GNP at constant market prices
2003	3,762	44,920	12,423	21,670	5,385	59,764	<b>135,084</b>	18,173	<b>152,962</b>	-21,620	<b>131,899</b>
2004	3,876	46,895	13,627	22,091	5,500	64,162	<b>141,022</b>	19,244	<b>159,992</b>	-22,442	<b>137,611</b>
2005	4,272	49,118	14,993	23,228	5,552	68,178	<b>148,467</b>	21,371	<b>169,871</b>	-24,475	<b>145,306</b>
2006	3,958	51,909	15,867	24,354	5,696	72,134	<b>155,750</b>	23,221	<b>178,970</b>	-24,459	<b>154,520</b>
2007	3,985	55,809	16,176	25,664	5,842	77,066	<b>166,489</b>	23,262	<b>189,751</b>	-28,507	<b>161,244</b>
2008	3,951	53,798	14,290	24,814	5,945	78,149	<b>164,387</b>	19,603	<b>183,991</b>	-27,231	<b>156,760</b>
2009	4,163	49,116	9,831	22,620	5,752	75,939	<b>154,611</b>	16,323	<b>170,934</b>	-31,917	<b>139,017</b>
2003											
Q1	941	10,776	2,837	5,284	1,287	14,631	<b>32,537</b>	4,601	<b>37,044</b>	-5,584	<b>31,504</b>
Q2	1,291	11,473	2,867	5,301	1,344	14,602	<b>33,946</b>	4,360	<b>38,252</b>	-5,525	<b>32,834</b>
Q3	920	10,371	3,215	5,577	1,377	15,142	<b>32,908</b>	4,460	<b>37,291</b>	-4,963	<b>32,544</b>
Q4	611	12,300	3,504	5,508	1,377	15,390	<b>35,693</b>	4,752	<b>40,375</b>	-5,546	<b>35,017</b>
2004											
Q1	998	11,690	3,210	5,321	1,322	15,550	<b>34,745</b>	4,784	<b>39,460</b>	-5,664	<b>33,792</b>
Q2	1,320	12,142	3,322	5,381	1,374	15,618	<b>35,414</b>	4,658	<b>40,018</b>	-5,811	<b>34,193</b>
Q3	935	10,909	3,399	5,677	1,403	16,202	<b>34,483</b>	4,792	<b>39,199</b>	-5,347	<b>33,889</b>
Q4	623	12,154	3,696	5,711	1,401	16,793	<b>36,380</b>	5,009	<b>41,315</b>	-5,620	<b>35,737</b>
2005											
Q1	1,139	11,983	3,461	5,686	1,327	16,179	<b>36,096</b>	5,380	<b>41,478</b>	-6,193	<b>35,238</b>
Q2	1,452	12,758	3,662	5,673	1,389	16,657	<b>37,760</b>	5,184	<b>42,960</b>	-6,984	<b>35,862</b>
Q3	978	11,549	3,870	5,931	1,422	17,458	<b>36,376</b>	5,365	<b>41,745</b>	-5,628	<b>36,140</b>
Q4	703	12,829	3,999	5,938	1,415	17,884	<b>38,235</b>	5,442	<b>43,687</b>	-5,670	<b>38,066</b>
2006											
Q1	1,034	12,611	3,943	5,953	1,358	17,402	<b>38,122</b>	6,049	<b>44,163</b>	-6,251	<b>37,896</b>
Q2	1,468	13,727	3,769	5,931	1,417	17,538	<b>39,270</b>	5,607	<b>44,877</b>	-6,027	<b>38,861</b>
Q3	860	12,537	4,094	6,165	1,465	18,280	<b>38,837</b>	5,775	<b>44,614</b>	-6,798	<b>37,760</b>
Q4	596	13,034	4,061	6,305	1,455	18,914	<b>39,522</b>	5,790	<b>45,315</b>	-5,383	<b>40,002</b>
2007											
Q1	1,069	14,338	4,161	6,363	1,383	18,658	<b>41,661</b>	6,237	<b>47,894</b>	-7,477	<b>40,415</b>
Q2	1,395	13,960	3,866	6,283	1,458	18,906	<b>41,536</b>	5,685	<b>47,222</b>	-7,664	<b>39,556</b>
Q3	870	13,262	4,056	6,501	1,506	19,462	<b>40,691</b>	5,703	<b>46,393</b>	-6,282	<b>40,113</b>
Q4	651	14,249	4,093	6,518	1,494	20,039	<b>42,602</b>	5,637	<b>48,243</b>	-7,084	<b>41,159</b>
2008											
Q1	1,099	14,156	3,774	6,398	1,416	19,569	<b>41,715</b>	5,494	<b>47,209</b>	-6,737	<b>40,472</b>
Q2	1,440	14,350	3,577	6,125	1,500	19,127	<b>41,695</b>	4,785	<b>46,480</b>	-6,681	<b>39,800</b>
Q3	866	13,190	3,618	6,237	1,524	19,715	<b>41,126</b>	4,801	<b>45,927</b>	-7,642	<b>38,285</b>
Q4	546	12,102	3,321	6,054	1,506	19,738	<b>39,851</b>	4,523	<b>44,375</b>	-6,171	<b>38,204</b>
2009											
Q1	1,155	13,074	2,648	5,722	1,406	18,948	<b>38,928</b>	4,190	<b>43,118</b>	-7,620	<b>35,498</b>
Q2	1,511	12,684	2,457	5,603	1,437	18,701	<b>39,107</b>	3,940	<b>43,047</b>	-7,870	<b>35,176</b>
Q3	858	11,987	2,477	5,663	1,450	19,007	<b>38,594</b>	4,065	<b>42,659</b>	-8,564	<b>34,095</b>
Q4	639	11,372	2,249	5,632	1,459	19,283	<b>37,983</b>	4,128	<b>42,111</b>	-7,863	<b>34,248</b>
<i>Percentage change on corresponding period of previous year</i>											
2003	4.4	1.9	5.7	2.4	2.2	5.4	<b>4.4</b>	4.2	<b>4.4</b>		<b>5.7</b>
2004	3.0	4.4	9.7	1.9	2.1	7.4	<b>4.4</b>	5.9	<b>4.6</b>		<b>4.3</b>
2005	10.2	4.7	10.0	5.1	0.9	6.3	<b>5.3</b>	11.1	<b>6.2</b>		<b>5.6</b>
2006	-7.3	5.7	5.8	4.8	2.6	5.8	<b>4.9</b>	8.7	<b>5.4</b>		<b>6.3</b>
2007	0.7	7.5	1.9	5.4	2.6	6.8	<b>6.9</b>	0.2	<b>6.0</b>		<b>4.4</b>
2008	-0.9	-3.6	-11.7	-3.3	1.8	1.4	<b>-1.3</b>	-15.7	<b>-3.0</b>		<b>-2.8</b>
2009	5.4	-8.7	-31.2	-8.8	-3.3	-2.8	<b>-5.9</b>	-16.7	<b>-7.1</b>		<b>-11.3</b>
2003											
Q1	5.3	1.4	0.9	3.7	2.7	7.9	<b>4.4</b>	2.8	<b>4.2</b>		<b>4.9</b>
Q2	2.1	-1.2	2.9	2.4	2.3	4.3	<b>5.1</b>	4.3	<b>5.0</b>		<b>5.8</b>
Q3	5.0	-1.0	7.1	1.9	1.9	5.2	<b>1.8</b>	1.8	<b>1.8</b>		<b>3.6</b>
Q4	7.1	8.5	11.1	1.6	2.1	4.5	<b>6.3</b>	7.8	<b>6.4</b>		<b>8.6</b>
2004											
Q1	6.1	8.5	13.2	0.7	2.8	6.3	<b>6.8</b>	4.0	<b>6.5</b>		<b>7.3</b>
Q2	2.3	5.8	15.8	1.5	2.2	7.0	<b>4.3</b>	6.8	<b>4.6</b>		<b>4.1</b>
Q3	1.6	5.2	5.7	1.8	1.9	7.0	<b>4.8</b>	7.4	<b>5.1</b>		<b>4.1</b>
Q4	2.0	-1.2	5.5	3.7	1.7	9.1	<b>1.9</b>	5.4	<b>2.3</b>		<b>2.1</b>
2005											
Q1	14.1	2.5	7.8	6.9	0.3	4.0	<b>3.9</b>	12.5	<b>5.1</b>		<b>4.3</b>
Q2	10.0	5.1	10.3	5.4	1.1	6.7	<b>6.6</b>	11.3	<b>7.4</b>		<b>4.9</b>
Q3	4.6	5.9	13.9	4.5	1.3	7.8	<b>5.5</b>	12.0	<b>6.5</b>		<b>6.6</b>
Q4	12.8	5.6	8.2	4.0	1.0	6.5	<b>5.1</b>	8.6	<b>5.7</b>		<b>6.5</b>
2006											
Q1	-9.2	5.2	13.9	4.7	2.4	7.6	<b>5.6</b>	12.4	<b>6.5</b>		<b>7.5</b>
Q2	1.1	7.6	2.9	4.5	2.1	5.3	<b>4.0</b>	8.2	<b>4.5</b>		<b>8.4</b>
Q3	-12.1	8.6	5.8	3.9	3.1	4.7	<b>6.8</b>	7.6	<b>6.9</b>		<b>4.5</b>
Q4	-15.1	1.6	1.5	6.2	2.8	5.8	<b>3.4</b>	6.4	<b>3.7</b>		<b>5.1</b>
2007											
Q1	3.4	13.7	5.5	6.9	1.8	7.2	<b>9.3</b>	3.1	<b>8.4</b>		<b>6.6</b>
Q2	-5.0	1.7	2.6	5.9	2.9	7.8	<b>5.8</b>	1.4	<b>5.2</b>		<b>1.8</b>
Q3	1.2	5.8	-0.9	5.5	2.8	6.5	<b>4.8</b>	-1.2	<b>4.0</b>		<b>6.2</b>
Q4	9.2	9.3	0.8	3.4	2.7	5.9	<b>7.8</b>	-2.6	<b>6.5</b>		<b>2.9</b>
2008											
Q1	2.8	-1.3	-9.3	0.6	2.4	4.9	<b>0.1</b>	-11.9	<b>-1.4</b>		<b>0.1</b>
Q2	3.2	2.8	-7.5	-2.5	2.9	1.2	<b>0.4</b>	-15.8	<b>-1.6</b>		<b>0.6</b>
Q3	-0.5	-0.5	-10.8	-4.1	1.2	1.3	<b>1.1</b>	-15.8	<b>-1.0</b>		<b>-4.6</b>
Q4	-16.1	-15.1	-18.9	-7.1	0.8	-1.5	<b>-6.5</b>	-19.8	<b>-8.0</b>		<b>-7.2</b>
2009											
Q1	5.1	-7.6	-29.8	-10.6	-0.7	-3.2	<b>-6.7</b>	-23.7	<b>-8.7</b>		<b>-12.3</b>
Q2	4.9	-11.6	-31.3	-8.5	-4.2	-2.2	<b>-6.2</b>	-17.7	<b>-7.4</b>		<b>-11.6</b>
Q3	-0.8	-9.1	-31.5	-9.2	-4.9	-3.6	<b>-6.2</b>	-15.3	<b>-7.1</b>		<b>-10.9</b>
Q4	16.9	-6.0	-32.3	-7.0	-3.1	-2.3	<b>-4.7</b>	-8.7	<b>-5.1</b>		<b>-10.4</b>

\*Chain linked series not additive

**Table 2 Expenditure on Gross National Product at Current Market Prices**

Period	Personal consumption of goods and services	Net exp. by central and local government on current goods and services	Gross domestic fixed capital formation	Value of physical changes in stocks	Exports of goods and services	Imports of goods and services	Statistical discrepancy	GDP at current market prices	Net factor income from the rest of the world	GNP at current market prices
2003	67,203	18,985	31,338	1,288	117,172	-94,701	-1,521	<b>139,763</b>	-21,724	<b>118,039</b>
2004	70,899	20,557	36,435	425	125,199	-102,882	-1,535	<b>149,098</b>	-22,879	<b>126,219</b>
2005	76,927	22,246	43,220	730	132,671	-113,457	-247	<b>162,091</b>	-24,903	<b>137,188</b>
2006	83,979	24,593	47,628	1,645	141,042	-123,574	1,446	<b>176,759</b>	-24,230	<b>152,529</b>
2007	91,948	27,275	49,429	-146	153,481	-134,112	1,876	<b>189,751</b>	-28,507	<b>161,244</b>
2008	93,863	28,901	39,474	317	151,896	-133,000	365	<b>181,816</b>	-27,218	<b>154,598</b>
2009	84,173	28,205	25,484	-2,828	148,455	-120,273	328	<b>163,543</b>	-32,111	<b>131,432</b>
2003										
Q1	16,361	4,606	7,266	282	28,133	-22,753	-365	<b>33,531</b>	-5,716	<b>27,815</b>
Q2	16,542	4,582	7,415	655	28,990	-23,076	-378	<b>34,730</b>	-5,538	<b>29,191</b>
Q3	16,370	4,792	7,893	-133	28,796	-23,307	-371	<b>34,039</b>	-4,975	<b>29,064</b>
Q4	17,929	5,005	8,764	485	31,253	-25,565	-408	<b>37,463</b>	-5,495	<b>31,968</b>
2004										
Q1	17,240	4,946	8,585	70	30,132	-24,309	-374	<b>36,290</b>	-5,700	<b>30,590</b>
Q2	17,313	4,951	9,106	411	31,821	-25,886	-384	<b>37,332</b>	-5,971	<b>31,361</b>
Q3	17,368	5,210	9,064	-254	30,895	-25,563	-374	<b>36,346</b>	-5,505	<b>30,841</b>
Q4	18,978	5,449	9,681	199	32,350	-27,124	-403	<b>39,130</b>	-5,703	<b>33,427</b>
2005										
Q1	18,525	5,324	10,174	369	30,824	-26,306	-59	<b>38,852</b>	-6,180	<b>32,671</b>
Q2	18,631	5,357	11,127	310	33,566	-27,854	-63	<b>41,074</b>	-7,073	<b>34,001</b>
Q3	19,106	5,655	10,478	-551	33,007	-28,114	-60	<b>39,521</b>	-5,779	<b>33,743</b>
Q4	20,665	5,910	11,441	603	35,273	-31,184	-65	<b>42,644</b>	-5,871	<b>36,773</b>
2006										
Q1	20,264	5,893	12,080	577	33,883	-29,764	354	<b>43,288</b>	-6,192	<b>37,096</b>
Q2	20,500	5,996	11,113	1,191	35,540	-30,901	358	<b>43,797</b>	-5,963	<b>37,835</b>
Q3	20,535	6,233	12,063	-480	35,317	-29,634	363	<b>44,398</b>	-6,779	<b>37,619</b>
Q4	22,679	6,470	12,372	357	36,302	-33,275	370	<b>45,275</b>	-5,296	<b>39,979</b>
2007										
Q1	22,181	6,605	14,397	-148	37,143	-32,643	475	<b>48,011</b>	-7,437	<b>40,574</b>
Q2	22,398	6,670	12,181	-173	38,775	-32,798	470	<b>47,525</b>	-7,674	<b>39,851</b>
Q3	22,645	6,851	11,308	-435	37,860	-32,682	455	<b>46,001</b>	-6,341	<b>39,661</b>
Q4	24,723	7,149	11,543	609	39,703	-35,990	477	<b>48,214</b>	-7,056	<b>41,158</b>
2008										
Q1	23,662	7,100	12,089	-53	36,851	-33,662	93	<b>46,079</b>	-6,621	<b>39,458</b>
Q2	22,878	7,161	9,709	475	38,169	-33,071	91	<b>45,413</b>	-6,553	<b>38,860</b>
Q3	22,999	7,193	9,806	256	37,419	-32,291	91	<b>45,472</b>	-7,658	<b>37,814</b>
Q4	24,324	7,448	7,870	-361	39,457	-33,976	90	<b>44,853</b>	-6,386	<b>38,466</b>
2009										
Q1	21,083	7,456	7,504	-963	36,876	-30,921	83	<b>41,117</b>	-7,723	<b>33,394</b>
Q2	20,541	6,901	6,691	-232	38,120	-30,804	83	<b>41,298</b>	-7,919	<b>33,379</b>
Q3	20,434	6,922	6,013	-592	36,110	-28,101	82	<b>40,867</b>	-8,567	<b>32,300</b>
Q4	22,116	6,926	5,276	-1,041	37,350	-30,448	81	<b>40,260</b>	-7,901	<b>32,359</b>
<i>Percentage change on corresponding period of previous year</i>										
2003	7.3	7.7	11.5		-4.5	-5.5		<b>7.3</b>		<b>10.8</b>
2004	5.5	8.3	16.3		6.9	8.6		<b>6.7</b>		<b>6.9</b>
2005	8.5	8.2	18.6		6.0	10.3		<b>8.7</b>		<b>8.7</b>
2006	9.2	10.5	10.2		6.3	8.9		<b>9.0</b>		<b>11.2</b>
2007	9.5	10.9	3.8		8.8	8.5		<b>7.4</b>		<b>5.7</b>
2008	2.1	6.0	-20.1		-1.0	-0.8		<b>-4.2</b>		<b>-4.1</b>
2009	-10.3	-2.4	-35.4		-2.3	-9.6		<b>-10.1</b>		<b>-15.0</b>
2003										
Q1	9.4	9.8	1.3		-10.9	-13.3		<b>7.2</b>		<b>9.9</b>
Q2	8.8	6.7	6.8		-7.6	-12.1		<b>9.3</b>		<b>13.0</b>
Q3	5.8	8.1	10.6		-3.4	-2.3		<b>4.6</b>		<b>8.1</b>
Q4	5.4	6.3	27.7		4.7	7.4		<b>8.0</b>		<b>12.1</b>
2004										
Q1	5.4	7.4	18.1		7.1	6.8		<b>8.2</b>		<b>10.0</b>
Q2	4.7	8.1	22.8		9.8	12.2		<b>7.5</b>		<b>7.4</b>
Q3	6.1	8.7	14.8		7.3	9.7		<b>6.8</b>		<b>6.1</b>
Q4	5.8	8.9	10.5		3.5	6.1		<b>4.4</b>		<b>4.6</b>
2005										
Q1	7.5	7.6	18.5		2.3	8.2		<b>7.1</b>		<b>6.8</b>
Q2	7.6	8.2	22.2		5.5	7.6		<b>10.0</b>		<b>8.4</b>
Q3	10.0	8.5	15.6		6.8	10.0		<b>8.7</b>		<b>9.4</b>
Q4	8.9	8.5	18.2		9.0	15.0		<b>9.0</b>		<b>10.0</b>
2006										
Q1	9.4	10.7	18.7		9.9	13.1		<b>11.4</b>		<b>13.5</b>
Q2	10.0	11.9	-0.1		5.9	10.9		<b>6.6</b>		<b>11.3</b>
Q3	7.5	10.2	15.1		7.0	5.4		<b>12.3</b>		<b>11.5</b>
Q4	9.7	9.5	8.1		2.9	6.7		<b>6.2</b>		<b>8.7</b>
2007										
Q1	9.5	12.1	19.2		9.6	9.7		<b>10.9</b>		<b>9.4</b>
Q2	9.3	11.2	9.6		9.1	6.1		<b>8.5</b>		<b>5.3</b>
Q3	10.3	9.9	-6.3		7.2	10.3		<b>3.6</b>		<b>5.4</b>
Q4	9.0	10.5	-6.7		9.4	8.2		<b>6.5</b>		<b>2.9</b>
2008										
Q1	6.7	7.5	-16.0		-0.8	3.1		<b>-4.0</b>		<b>-2.8</b>
Q2	2.1	7.4	-20.3		-1.6	0.8		<b>-4.4</b>		<b>-2.5</b>
Q3	1.6	5.0	-13.3		-1.2	-1.2		<b>-1.2</b>		<b>-4.7</b>
Q4	-1.6	4.2	-31.8		-0.6	-5.6		<b>-7.0</b>		<b>-6.5</b>
2009										
Q1	-10.9	5.0	-37.9		0.1	-8.1		<b>-10.8</b>		<b>-15.4</b>
Q2	-10.2	-3.6	-31.1		-0.1	-6.9		<b>-9.1</b>		<b>-14.1</b>
Q3	-11.2	-3.8	-38.7		-3.5	-13.0		<b>-10.1</b>		<b>-14.6</b>
Q4	-9.1	-7.0	-33.0		-5.3	-10.4		<b>-10.2</b>		<b>-15.9</b>

**Table 3 Expenditure on Gross National Product at Constant Market Prices  
(Chain linked annually and referenced to year 2007)\***

Period	Personal consumption of goods and services	Net exp. by central and local government on current goods and services	Gross domestic fixed capital formation	Value of physical changes in stocks	Exports of goods and services	Imports of goods and services	GDP at constant market prices	Net factor income from the rest of the world	GNP at constant market prices
2003	73,762	22,895	36,956	848	118,897	-101,318	<b>152,962</b>	-21,620	<b>131,899</b>
2004	76,446	23,237	40,514	287	127,843	-109,970	<b>159,992</b>	-22,442	<b>137,611</b>
2005	81,470	24,111	46,468	546	134,479	-119,154	<b>169,871</b>	-24,475	<b>145,306</b>
2006	86,828	25,511	48,305	1,204	141,311	-126,940	<b>178,970</b>	-24,459	<b>154,520</b>
2007	91,948	27,275	49,429	-146	153,481	-134,112	<b>189,751</b>	-28,507	<b>161,244</b>
2008	91,055	27,991	41,766	301	151,875	-131,266	<b>183,991</b>	-27,231	<b>156,760</b>
2009	84,506	27,641	29,346	-2,809	148,383	-119,113	<b>170,934</b>	-31,917	<b>139,017</b>
2003									
Q1	18,124	5,631	8,817	205	27,998	-24,097	<b>37,044</b>	-5,584	<b>31,504</b>
Q2	18,036	5,543	8,792	435	29,461	-24,632	<b>38,252</b>	-5,525	<b>32,834</b>
Q3	18,047	5,801	9,262	-94	29,283	-25,030	<b>37,291</b>	-4,963	<b>32,544</b>
Q4	19,555	5,920	10,086	301	32,155	-27,559	<b>40,375</b>	-5,546	<b>35,017</b>
2004									
Q1	18,739	5,737	9,858	27	31,067	-26,155	<b>39,460</b>	-5,664	<b>33,792</b>
Q2	18,666	5,654	10,164	258	32,272	-27,696	<b>40,018</b>	-5,811	<b>34,193</b>
Q3	18,813	5,875	10,010	-144	31,328	-27,045	<b>39,199</b>	-5,347	<b>33,889</b>
Q4	20,228	5,970	10,482	145	33,176	-29,075	<b>41,315</b>	-5,620	<b>35,737</b>
2005									
Q1	19,799	5,911	11,245	326	31,826	-27,968	<b>41,478</b>	-6,193	<b>35,238</b>
Q2	19,778	5,843	11,987	224	34,171	-29,358	<b>42,960</b>	-6,984	<b>35,862</b>
Q3	20,267	6,125	11,244	-363	33,315	-29,431	<b>41,745</b>	-5,628	<b>36,140</b>
Q4	21,625	6,233	11,992	359	35,166	-32,397	<b>43,687</b>	-5,670	<b>38,066</b>
2006									
Q1	21,257	6,228	12,627	411	33,985	-30,702	<b>44,163</b>	-6,251	<b>37,896</b>
Q2	21,232	6,223	11,226	880	35,787	-31,709	<b>44,877</b>	-6,027	<b>38,861</b>
Q3	21,177	6,471	12,039	-354	35,341	-30,349	<b>44,614</b>	-6,798	<b>37,760</b>
Q4	23,162	6,587	12,413	268	36,198	-34,180	<b>45,315</b>	-5,383	<b>40,002</b>
2007									
Q1	22,556	6,733	14,312	-117	37,224	-32,948	<b>47,894</b>	-7,477	<b>40,415</b>
Q2	22,441	6,665	11,977	-110	38,653	-32,831	<b>47,222</b>	-7,664	<b>39,556</b>
Q3	22,584	6,855	11,350	-352	37,720	-32,520	<b>46,393</b>	-6,282	<b>40,113</b>
Q4	24,366	7,023	11,790	433	39,884	-35,812	<b>48,243</b>	-7,084	<b>41,159</b>
2008									
Q1	23,140	6,987	12,463	-36	37,357	-33,625	<b>47,209</b>	-6,737	<b>40,472</b>
Q2	22,110	6,910	10,132	467	38,787	-32,771	<b>46,480</b>	-6,681	<b>39,800</b>
Q3	22,309	6,960	10,461	251	37,397	-31,856	<b>45,927</b>	-7,642	<b>38,285</b>
Q4	23,496	7,135	8,711	-382	38,334	-33,013	<b>44,375</b>	-6,171	<b>38,204</b>
2009									
Q1	20,941	7,121	8,440	-941	36,239	-30,058	<b>43,118</b>	-7,620	<b>35,498</b>
Q2	20,591	6,807	7,595	-152	37,831	-30,455	<b>43,047</b>	-7,870	<b>35,176</b>
Q3	20,692	6,831	7,060	-646	36,421	-28,071	<b>42,659</b>	-8,564	<b>34,095</b>
Q4	22,283	6,882	6,252	-1,071	37,891	-30,528	<b>42,111</b>	-7,863	<b>34,248</b>
<i>Percentage change on corresponding period of previous year</i>									
2003	3.0	1.3	6.3		0.6	-1.5	<b>4.4</b>		<b>5.7</b>
2004	3.6	1.5	9.6		7.5	8.5	<b>4.6</b>		<b>4.3</b>
2005	6.6	3.8	14.7		5.2	8.4	<b>6.2</b>		<b>5.6</b>
2006	6.6	5.8	4.0		5.1	6.5	<b>5.4</b>		<b>6.3</b>
2007	5.9	6.9	2.3		8.6	5.6	<b>6.0</b>		<b>4.4</b>
2008	-1.0	2.6	-15.5		-1.0	-2.1	<b>-3.0</b>		<b>-2.8</b>
2009	-7.2	-1.2	-29.7		-2.3	-9.3	<b>-7.1</b>		<b>-11.3</b>
2003									
Q1	3.4	2.7	-2.7		-7.2	-10.4	<b>4.2</b>		<b>4.9</b>
Q2	3.7	0.3	2.5		-2.0	-8.7	<b>5.0</b>		<b>5.8</b>
Q3	2.1	0.9	5.7		0.6	1.7	<b>1.8</b>		<b>3.6</b>
Q4	2.9	1.2	20.5		11.4	13.1	<b>6.4</b>		<b>8.6</b>
2004									
Q1	3.4	1.9	11.8		11.0	8.5	<b>6.5</b>		<b>7.3</b>
Q2	3.5	2.0	15.6		9.5	12.4	<b>4.6</b>		<b>4.1</b>
Q3	4.2	1.3	8.1		7.0	8.0	<b>5.1</b>		<b>4.1</b>
Q4	3.4	0.9	3.9		3.2	5.5	<b>2.3</b>		<b>2.1</b>
2005									
Q1	5.7	3.0	14.1		2.4	6.9	<b>5.1</b>		<b>4.3</b>
Q2	6.0	3.3	17.9		5.9	6.0	<b>7.4</b>		<b>4.9</b>
Q3	7.7	4.2	12.3		6.3	8.8	<b>6.5</b>		<b>6.6</b>
Q4	6.9	4.4	14.4		6.0	11.4	<b>5.7</b>		<b>6.5</b>
2006									
Q1	7.4	5.4	12.3		6.8	9.8	<b>6.5</b>		<b>7.5</b>
Q2	7.3	6.5	-6.4		4.7	8.0	<b>4.5</b>		<b>8.4</b>
Q3	4.5	5.7	7.1		6.1	3.1	<b>6.9</b>		<b>4.5</b>
Q4	7.1	5.7	3.5		2.9	5.5	<b>3.7</b>		<b>5.1</b>
2007									
Q1	6.1	8.1	13.3		9.5	7.3	<b>8.4</b>		<b>6.6</b>
Q2	5.7	7.1	6.7		8.0	3.5	<b>5.2</b>		<b>1.8</b>
Q3	6.6	5.9	-5.7		6.7	7.2	<b>4.0</b>		<b>6.2</b>
Q4	5.2	6.6	-5.0		10.2	4.8	<b>6.5</b>		<b>2.9</b>
2008									
Q1	2.6	3.8	-12.9		0.4	2.1	<b>-1.4</b>		<b>0.1</b>
Q2	-1.5	3.7	-15.4		0.3	-0.2	<b>-1.6</b>		<b>0.6</b>
Q3	-1.2	1.5	-7.8		-0.9	-2.0	<b>-1.0</b>		<b>-4.6</b>
Q4	-3.6	1.6	-26.1		-3.9	-7.8	<b>-8.0</b>		<b>-7.2</b>
2009									
Q1	-9.5	1.9	-32.3		-3.0	-10.6	<b>-8.7</b>		<b>-12.3</b>
Q2	-6.9	-1.5	-25.0		-2.5	-7.1	<b>-7.4</b>		<b>-11.6</b>
Q3	-7.3	-1.8	-32.5		-2.6	-11.9	<b>-7.1</b>		<b>-10.9</b>
Q4	-5.2	-3.5	-28.2		-1.2	-7.5	<b>-5.1</b>		<b>-10.4</b>

\*Chain linked series not additive

**Table 4 Gross Value Added at Constant Factor Cost by Sector of Origin and Gross National Product at Constant Market Prices (Chain linked annually and referenced to year 2007) - Seasonally Adjusted**

Period	Agric. forestry and fishing	Industry	of which Building and construct.	Dist. transport and comms.	Public admin. and defence	Other services (including rent)	GDP at constant factor cost	Taxes less subsidies	GDP at constant market prices	Net factor income from rest of world	GNP at constant market prices
<b>2003</b>											
Q1	904	10,865	2,943	5,369	1,338	14,871	<b>32,910</b>	4,442	<b>37,277</b>	-5,565	<b>31,765</b>
Q2	936	11,051	2,966	5,393	1,343	14,773	<b>33,588</b>	4,455	<b>37,967</b>	-5,336	<b>32,766</b>
Q3	975	11,055	3,174	5,458	1,347	15,007	<b>33,451</b>	4,527	<b>37,898</b>	-5,123	<b>33,058</b>
Q4	972	11,965	3,317	5,455	1,356	15,113	<b>35,149</b>	4,749	<b>39,851</b>	-5,662	<b>34,273</b>
<b>2004</b>											
Q1	949	11,753	3,326	5,388	1,374	15,775	<b>35,080</b>	4,606	<b>39,609</b>	-5,571	<b>34,061</b>
Q2	951	11,667	3,442	5,480	1,373	15,830	<b>34,994</b>	4,779	<b>39,709</b>	-5,557	<b>34,131</b>
Q3	1,006	11,609	3,353	5,569	1,372	16,069	<b>35,139</b>	4,863	<b>39,906</b>	-5,574	<b>34,434</b>
Q4	997	11,896	3,506	5,657	1,381	16,473	<b>35,835</b>	4,998	<b>40,799</b>	-5,790	<b>34,983</b>
<b>2005</b>											
Q1	1,074	12,022	3,576	5,735	1,380	16,395	<b>36,396</b>	5,174	<b>41,565</b>	-6,042	<b>35,500</b>
Q2	1,038	12,246	3,802	5,784	1,388	16,907	<b>37,309</b>	5,340	<b>42,650</b>	-6,696	<b>35,791</b>
Q3	1,072	12,227	3,808	5,834	1,390	17,327	<b>37,060</b>	5,433	<b>42,485</b>	-5,800	<b>36,722</b>
Q4	1,132	12,676	3,800	5,880	1,395	17,520	<b>37,721</b>	5,425	<b>43,183</b>	-5,926	<b>37,308</b>
<b>2006</b>											
Q1	966	12,579	4,073	5,987	1,413	17,630	<b>38,398</b>	5,817	<b>44,226</b>	-6,082	<b>38,129</b>
Q2	1,040	13,211	3,924	6,051	1,415	17,813	<b>38,828</b>	5,796	<b>44,593</b>	-5,796	<b>38,800</b>
Q3	964	13,163	4,008	6,078	1,432	18,156	<b>39,468</b>	5,837	<b>45,297</b>	-6,900	<b>38,333</b>
Q4	962	13,023	3,860	6,237	1,434	18,510	<b>39,100</b>	5,763	<b>44,880</b>	-5,687	<b>39,265</b>
<b>2007</b>											
Q1	992	14,221	4,308	6,392	1,439	18,898	<b>41,922</b>	5,997	<b>47,943</b>	-7,271	<b>40,638</b>
Q2	979	13,468	4,050	6,412	1,456	19,210	<b>41,130</b>	5,902	<b>47,002</b>	-7,457	<b>39,504</b>
Q3	995	13,791	3,934	6,419	1,473	19,343	<b>41,180</b>	5,747	<b>46,916</b>	-6,226	<b>40,662</b>
Q4	1,054	14,431	3,888	6,439	1,471	19,603	<b>42,281</b>	5,606	<b>47,885</b>	-7,576	<b>40,452</b>
<b>2008</b>											
Q1	1,013	13,936	3,929	6,430	1,474	19,807	<b>41,972</b>	5,278	<b>47,286</b>	-6,559	<b>40,708</b>
Q2	1,004	13,893	3,770	6,251	1,498	19,442	<b>41,321</b>	4,990	<b>46,303</b>	-6,538	<b>39,745</b>
Q3	1,006	13,606	3,475	6,162	1,491	19,603	<b>41,475</b>	4,829	<b>46,290</b>	-7,500	<b>38,753</b>
Q4	885	12,377	3,151	5,972	1,482	19,312	<b>39,645</b>	4,491	<b>44,115</b>	-6,586	<b>37,584</b>
<b>2009</b>											
Q1	1,061	12,814	2,773	5,756	1,464	19,159	<b>39,175</b>	4,022	<b>43,224</b>	-7,460	<b>35,718</b>
Q2	1,050	12,302	2,601	5,719	1,435	19,018	<b>38,781</b>	4,121	<b>42,910</b>	-7,748	<b>35,129</b>
Q3	1,004	12,293	2,361	5,593	1,420	18,904	<b>38,813</b>	4,083	<b>42,883</b>	-8,319	<b>34,482</b>
Q4	1,039	11,714	2,133	5,552	1,434	18,868	<b>37,852</b>	4,095	<b>41,913</b>	-8,394	<b>33,701</b>
<i>Percentage change on previous quarter</i>											
<b>2003</b>											
Q1	1.0	-0.9	-1.6	-0.0	0.8	2.7	<b>-0.5</b>	0.5	<b>-0.4</b>		<b>0.6</b>
Q2	3.6	1.7	0.8	0.4	0.4	-0.7	<b>2.1</b>	0.3	<b>1.9</b>		<b>3.2</b>
Q3	4.2	0.0	7.0	1.2	0.3	1.6	<b>-0.4</b>	1.6	<b>-0.2</b>		<b>0.9</b>
Q4	-0.3	8.2	4.5	-0.0	0.7	0.7	<b>5.1</b>	4.9	<b>5.2</b>		<b>3.7</b>
<b>2004</b>											
Q1	-2.4	-1.8	0.3	-1.2	1.3	4.4	<b>-0.2</b>	-3.0	<b>-0.6</b>		<b>-0.6</b>
Q2	0.2	-0.7	3.5	1.7	-0.1	0.4	<b>-0.2</b>	3.8	<b>0.3</b>		<b>0.2</b>
Q3	5.8	-0.5	-2.6	1.6	-0.1	1.5	<b>0.4</b>	1.7	<b>0.5</b>		<b>0.9</b>
Q4	-0.9	2.5	4.6	1.6	0.7	2.5	<b>2.0</b>	2.8	<b>2.2</b>		<b>1.6</b>
<b>2005</b>											
Q1	7.8	1.1	2.0	1.4	-0.1	-0.5	<b>1.6</b>	3.5	<b>1.9</b>		<b>1.5</b>
Q2	-3.4	1.9	6.3	0.9	0.6	3.1	<b>2.5</b>	3.2	<b>2.6</b>		<b>0.8</b>
Q3	3.2	-0.2	0.2	0.9	0.2	2.5	<b>-0.7</b>	1.7	<b>-0.4</b>		<b>2.6</b>
Q4	5.7	3.7	-0.2	0.8	0.4	1.1	<b>1.8</b>	-0.2	<b>1.6</b>		<b>1.6</b>
<b>2006</b>											
Q1	-14.7	-0.8	7.2	1.8	1.3	0.6	<b>1.8</b>	7.2	<b>2.4</b>		<b>2.2</b>
Q2	7.7	5.0	-3.7	1.1	0.2	1.0	<b>1.1</b>	-0.4	<b>0.8</b>		<b>1.8</b>
Q3	-7.4	-0.4	2.1	0.4	1.2	1.9	<b>1.6</b>	0.7	<b>1.6</b>		<b>-1.2</b>
Q4	-0.2	-1.1	-3.7	2.6	0.1	1.9	<b>-0.9</b>	-1.3	<b>-0.9</b>		<b>2.4</b>
<b>2007</b>											
Q1	3.1	9.2	11.6	2.5	0.4	2.1	<b>7.2</b>	4.1	<b>6.8</b>		<b>3.5</b>
Q2	-1.2	-5.3	-6.0	0.3	1.2	1.6	<b>-1.9</b>	-1.6	<b>-2.0</b>		<b>-2.8</b>
Q3	1.6	2.4	-2.9	0.1	1.1	0.7	<b>0.1</b>	-2.6	<b>-0.2</b>		<b>2.9</b>
Q4	6.0	4.6	-1.2	0.3	-0.1	1.3	<b>2.7</b>	-2.4	<b>2.1</b>		<b>-0.5</b>
<b>2008</b>											
Q1	-4.0	-3.4	1.1	-0.1	0.2	1.0	<b>-0.7</b>	-5.9	<b>-1.2</b>		<b>0.6</b>
Q2	-0.8	-0.3	-4.0	-2.8	1.7	-1.8	<b>-1.6</b>	-5.5	<b>-2.1</b>		<b>-2.4</b>
Q3	0.2	-2.1	-7.8	-1.4	-0.5	0.8	<b>0.4</b>	-3.2	<b>-0.0</b>		<b>-2.5</b>
Q4	-12.0	-9.0	-9.3	-3.1	-0.6	-1.5	<b>-4.4</b>	-7.0	<b>-4.7</b>		<b>-3.0</b>
<b>2009</b>											
Q1	19.8	3.5	-12.0	-3.6	-1.2	-0.8	<b>-1.2</b>	-10.4	<b>-2.0</b>		<b>-5.0</b>
Q2	-1.0	-4.0	-6.2	-0.6	-1.9	-0.7	<b>-1.0</b>	2.5	<b>-0.7</b>		<b>-1.6</b>
Q3	-4.3	-0.1	-9.2	-2.2	-1.1	-0.6	<b>0.1</b>	-0.9	<b>-0.1</b>		<b>-1.8</b>
Q4	3.4	-4.7	-9.7	-0.7	1.0	-0.2	<b>-2.5</b>	0.3	<b>-2.3</b>		<b>-2.3</b>

**Table 5 Expenditure on Gross National Product at Current Market Prices - Seasonally Adjusted**

Period	Personal consumption of goods and services	Net exp. by central and local government on current goods and services	Gross domestic fixed capital formation	Value of physical changes in stocks	Exports of goods and services	Imports of goods and services	GDP at current market prices	Net factor income from the rest of the world	€million
									GNP at current market prices
2003									
Q1	16,497	4,658	7,025	280	28,769	-22,815	<b>33,956</b>	-5,714	<b>28,088</b>
Q2	16,782	4,678	7,389	361	28,597	-22,952	<b>34,429</b>	-5,350	<b>29,197</b>
Q3	16,841	4,802	8,094	295	29,328	-24,068	<b>34,820</b>	-5,138	<b>29,679</b>
Q4	17,081	4,852	8,855	346	30,431	-24,785	<b>36,559</b>	-5,574	<b>31,020</b>
2004									
Q1	17,353	4,988	8,288	67	30,863	-24,445	<b>36,643</b>	-5,641	<b>30,862</b>
Q2	17,588	5,058	9,117	123	31,350	-25,781	<b>37,009</b>	-5,712	<b>31,375</b>
Q3	17,853	5,209	9,341	202	31,473	-26,388	<b>37,285</b>	-5,747	<b>31,545</b>
Q4	18,096	5,308	9,726	7	31,461	-26,184	<b>38,162</b>	-5,819	<b>32,404</b>
2005									
Q1	18,615	5,356	9,763	394	31,645	-26,539	<b>39,147</b>	-6,073	<b>32,942</b>
Q2	18,972	5,464	11,252	45	33,043	-27,769	<b>40,816</b>	-6,785	<b>34,048</b>
Q3	19,618	5,653	10,768	-126	33,620	-29,051	<b>40,479</b>	-5,975	<b>34,510</b>
Q4	19,686	5,778	11,523	392	34,264	-29,964	<b>41,586</b>	-6,058	<b>35,604</b>
2006									
Q1	20,354	5,918	11,502	636	34,842	-30,092	<b>43,637</b>	-6,071	<b>37,441</b>
Q2	20,942	6,100	11,311	961	34,977	-30,842	<b>43,637</b>	-5,742	<b>37,957</b>
Q3	21,061	6,238	12,366	-127	35,978	-30,686	<b>45,262</b>	-6,913	<b>38,383</b>
Q4	21,544	6,343	12,540	142	35,234	-31,838	<b>44,180</b>	-5,516	<b>38,639</b>
2007									
Q1	22,298	6,625	13,569	-29	38,201	-33,046	<b>48,470</b>	-7,278	<b>41,065</b>
Q2	22,974	6,766	12,520	-384	38,190	-32,736	<b>47,558</b>	-7,482	<b>40,104</b>
Q3	23,195	6,869	11,483	-177	38,550	-33,933	<b>46,525</b>	-6,326	<b>40,271</b>
Q4	23,394	7,023	11,830	423	38,539	-34,348	<b>47,105</b>	-7,426	<b>39,695</b>
2008									
Q1	23,826	7,110	11,307	111	37,880	-34,074	<b>46,681</b>	-6,480	<b>40,128</b>
Q2	23,552	7,250	10,023	277	37,623	-33,019	<b>45,551</b>	-6,430	<b>39,192</b>
Q3	23,532	7,222	9,908	436	38,090	-33,594	<b>45,695</b>	-7,568	<b>38,212</b>
Q4	22,933	7,326	8,123	-522	38,304	-32,366	<b>43,852</b>	-6,712	<b>37,024</b>
2009									
Q1	21,259	7,459	6,981	-768	37,879	-31,301	<b>41,783</b>	-7,589	<b>34,120</b>
Q2	21,213	6,981	6,935	-422	37,608	-30,764	<b>41,512</b>	-7,825	<b>33,716</b>
Q3	20,891	6,957	6,056	-455	36,737	-29,250	<b>40,845</b>	-8,376	<b>32,526</b>
Q4	20,794	6,813	5,463	-1,179	36,265	-28,991	<b>39,398</b>	-8,315	<b>31,098</b>
<i>Percentage change on previous quarter</i>									
2003									
Q1	1.9	2.5	0.5		-1.0	-1.4	<b>0.3</b>		<b>1.3</b>
Q2	1.7	0.4	5.2		-0.6	0.6	<b>1.4</b>		<b>4.0</b>
Q3	0.4	2.6	9.5		2.6	4.9	<b>1.1</b>		<b>1.6</b>
Q4	1.4	1.0	9.4		3.8	3.0	<b>5.0</b>		<b>4.5</b>
2004									
Q1	1.6	2.8	-6.4		1.4	-1.4	<b>0.2</b>		<b>-0.5</b>
Q2	1.4	1.4	10.0		1.6	5.5	<b>1.0</b>		<b>1.7</b>
Q3	1.5	3.0	2.5		0.4	2.4	<b>0.7</b>		<b>0.5</b>
Q4	1.4	1.9	4.1		-0.0	-0.8	<b>2.4</b>		<b>2.7</b>
2005									
Q1	2.9	0.9	0.4		0.6	1.4	<b>2.6</b>		<b>1.7</b>
Q2	1.9	2.0	15.2		4.4	4.6	<b>4.3</b>		<b>3.4</b>
Q3	3.4	3.5	-4.3		1.7	4.6	<b>-0.8</b>		<b>1.4</b>
Q4	0.3	2.2	7.0		1.9	3.1	<b>2.7</b>		<b>3.2</b>
2006									
Q1	3.4	2.4	-0.2		1.7	0.4	<b>4.9</b>		<b>5.2</b>
Q2	2.9	3.1	-1.7		0.4	2.5	<b>0.0</b>		<b>1.4</b>
Q3	0.6	2.3	9.3		2.9	-0.5	<b>3.7</b>		<b>1.1</b>
Q4	2.3	1.7	1.4		-2.1	3.8	<b>-2.4</b>		<b>0.7</b>
2007									
Q1	3.5	4.4	8.2		8.4	3.8	<b>9.7</b>		<b>6.3</b>
Q2	3.0	2.1	-7.7		-0.0	-0.9	<b>-1.9</b>		<b>-2.3</b>
Q3	1.0	1.5	-8.3		0.9	3.7	<b>-2.2</b>		<b>0.4</b>
Q4	0.9	2.2	3.0		-0.0	1.2	<b>1.2</b>		<b>-1.4</b>
2008									
Q1	1.8	1.2	-4.4		-1.7	-0.8	<b>-0.9</b>		<b>1.1</b>
Q2	-1.2	2.0	-11.4		-0.7	-3.1	<b>-2.4</b>		<b>-2.3</b>
Q3	-0.1	-0.4	-1.1		1.2	1.7	<b>0.3</b>		<b>-2.5</b>
Q4	-2.5	1.4	-18.0		0.6	-3.7	<b>-4.0</b>		<b>-3.1</b>
2009									
Q1	-7.3	1.8	-14.1		-1.1	-3.3	<b>-4.7</b>		<b>-7.8</b>
Q2	-0.2	-6.4	-0.7		-0.7	-1.7	<b>-0.6</b>		<b>-1.2</b>
Q3	-1.5	-0.3	-12.7		-2.3	-4.9	<b>-1.6</b>		<b>-3.5</b>
Q4	-0.5	-2.1	-9.8		-1.3	-0.9	<b>-3.5</b>		<b>-4.4</b>

**Table 6 Expenditure on Gross National Product at Constant Market Prices**

Period	<b>Market Prices (Chain linked annually and referenced to year 2007) - Seasonally Adjusted</b>							€million	
	Personal consumption of goods and services	Net exp. by central and local government on current goods and services	Gross domestic fixed capital formation	Value of physical changes in stocks	Exports of goods and services	Imports of goods and services	GDP at constant market prices	Net factor income from the rest of the world	GNP at constant market prices
2003									
Q1	18,224	5,690	8,458	214	28,577	-24,109	<b>37,277</b>	-5,565	<b>31,765</b>
Q2	18,368	5,674	8,815	224	29,144	-24,530	<b>37,967</b>	-5,336	<b>32,766</b>
Q3	18,494	5,755	9,495	180	29,840	-25,905	<b>37,898</b>	-5,123	<b>33,058</b>
Q4	18,675	5,786	10,224	223	31,298	-26,678	<b>39,851</b>	-5,662	<b>34,273</b>
2004									
Q1	18,820	5,779	9,426	43	31,742	-26,254	<b>39,609</b>	-5,571	<b>34,061</b>
Q2	19,028	5,789	10,249	42	31,834	-27,626	<b>39,709</b>	-5,557	<b>34,131</b>
Q3	19,267	5,825	10,318	149	31,948	-27,978	<b>39,906</b>	-5,574	<b>34,434</b>
Q4	19,331	5,857	10,561	33	32,296	-27,999	<b>40,799</b>	-5,790	<b>34,983</b>
2005									
Q1	19,860	5,934	10,681	373	32,584	-28,179	<b>41,565</b>	-6,042	<b>35,500</b>
Q2	20,191	5,972	12,215	7	33,639	-29,342	<b>42,650</b>	-6,696	<b>35,791</b>
Q3	20,744	6,086	11,569	-93	33,962	-30,452	<b>42,485</b>	-5,800	<b>36,722</b>
Q4	20,654	6,135	12,088	239	34,246	-31,038	<b>43,183</b>	-5,926	<b>37,308</b>
2006									
Q1	21,319	6,227	11,915	500	34,848	-31,014	<b>44,226</b>	-6,082	<b>38,129</b>
Q2	21,718	6,351	11,521	659	35,186	-31,763	<b>44,593</b>	-5,796	<b>38,800</b>
Q3	21,666	6,448	12,358	-129	36,009	-31,418	<b>45,297</b>	-6,900	<b>38,333</b>
Q4	22,062	6,497	12,560	154	35,271	-32,621	<b>44,880</b>	-5,687	<b>39,265</b>
2007									
Q1	22,654	6,708	13,396	31	38,185	-33,336	<b>47,943</b>	-7,271	<b>40,638</b>
Q2	23,014	6,792	12,415	-348	38,007	-32,909	<b>47,002</b>	-7,457	<b>39,504</b>
Q3	23,081	6,853	11,546	-194	38,373	-33,701	<b>46,916</b>	-6,226	<b>40,662</b>
Q4	23,129	6,938	12,027	353	38,918	-34,115	<b>47,885</b>	-7,576	<b>40,452</b>
2008									
Q1	23,295	6,936	11,603	159	38,315	-34,030	<b>47,286</b>	-6,559	<b>40,708</b>
Q2	22,731	7,038	10,550	211	38,141	-32,864	<b>46,303</b>	-6,538	<b>39,745</b>
Q3	22,774	6,975	10,587	353	38,014	-33,032	<b>46,290</b>	-7,500	<b>38,753</b>
Q4	22,229	7,053	8,936	-433	37,433	-31,421	<b>44,115</b>	-6,586	<b>37,584</b>
2009									
Q1	21,130	7,053	7,825	-707	37,154	-30,429	<b>43,224</b>	-7,460	<b>35,718</b>
Q2	21,216	6,932	7,940	-419	37,222	-30,546	<b>42,910</b>	-7,748	<b>35,129</b>
Q3	21,098	6,857	7,121	-598	36,986	-29,098	<b>42,883</b>	-8,319	<b>34,482</b>
Q4	21,036	6,804	6,429	-1,088	37,022	-29,061	<b>41,913</b>	-8,394	<b>33,701</b>
<i>Percentage change on previous quarter</i>									
2003									
Q1	0.5	-0.0	-1.1		1.8	1.9	<b>-0.4</b>		<b>0.6</b>
Q2	0.8	-0.3	4.2		2.0	1.7	<b>1.9</b>		<b>3.2</b>
Q3	0.7	1.4	7.7		2.4	5.6	<b>-0.2</b>		<b>0.9</b>
Q4	1.0	0.5	7.7		4.9	3.0	<b>5.2</b>		<b>3.7</b>
2004									
Q1	0.8	-0.1	-7.8		1.4	-1.6	<b>-0.6</b>		<b>-0.6</b>
Q2	1.1	0.2	8.7		0.3	5.2	<b>0.3</b>		<b>0.2</b>
Q3	1.3	0.6	0.7		0.4	1.3	<b>0.5</b>		<b>0.9</b>
Q4	0.3	0.5	2.4		1.1	0.1	<b>2.2</b>		<b>1.6</b>
2005									
Q1	2.7	1.3	1.1		0.9	0.6	<b>1.9</b>		<b>1.5</b>
Q2	1.7	0.6	14.4		3.2	4.1	<b>2.6</b>		<b>0.8</b>
Q3	2.7	1.9	-5.3		1.0	3.8	<b>-0.4</b>		<b>2.6</b>
Q4	-0.4	0.8	4.5		0.8	1.9	<b>1.6</b>		<b>1.6</b>
2006									
Q1	3.2	1.5	-1.4		1.8	-0.1	<b>2.4</b>		<b>2.2</b>
Q2	1.9	2.0	-3.3		1.0	2.4	<b>0.8</b>		<b>1.8</b>
Q3	-0.2	1.5	7.3		2.3	-1.1	<b>1.6</b>		<b>-1.2</b>
Q4	1.8	0.8	1.6		-2.0	3.8	<b>-0.9</b>		<b>2.4</b>
2007									
Q1	2.7	3.2	6.7		8.3	2.2	<b>6.8</b>		<b>3.5</b>
Q2	1.6	1.3	-7.3		-0.5	-1.3	<b>-2.0</b>		<b>-2.8</b>
Q3	0.3	0.9	-7.0		1.0	2.4	<b>-0.2</b>		<b>2.9</b>
Q4	0.2	1.3	4.2		1.4	1.2	<b>2.1</b>		<b>-0.5</b>
2008									
Q1	0.7	-0.0	-3.5		-1.6	-0.2	<b>-1.2</b>		<b>0.6</b>
Q2	-2.4	1.5	-9.1		-0.5	-3.4	<b>-2.1</b>		<b>-2.4</b>
Q3	0.2	-0.9	0.3		-0.3	0.5	<b>-0.0</b>		<b>-2.5</b>
Q4	-2.4	1.1	-15.6		-1.5	-4.9	<b>-4.7</b>		<b>-3.0</b>
2009									
Q1	-4.9	0.0	-12.4		-0.7	-3.2	<b>-2.0</b>		<b>-5.0</b>
Q2	0.4	-1.7	1.5		0.2	0.4	<b>-0.7</b>		<b>-1.6</b>
Q3	-0.6	-1.1	-10.3		-0.6	-4.7	<b>-0.1</b>		<b>-1.8</b>
Q4	-0.3	-0.8	-9.7		0.1	-0.1	<b>-2.3</b>		<b>-2.3</b>



**Annex 1 - Trade Summary: Quarterly Breakdown of trade into goods/services at current and constant prices**

	Trade at Current Prices						Trade at Constant Prices						€ million
	Exports			Imports			Exports			Imports			
	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services	
<b>2003</b>													
Q1	28,133	19,148	8,985	22,753	11,526	11,227	27,998	17,740	10,259	24,097	11,701	12,396	
Q2	28,990	19,463	9,527	23,076	11,042	12,034	29,461	18,686	10,774	24,632	11,448	13,184	
Q3	28,796	19,104	9,692	23,307	10,766	12,541	29,283	18,389	10,894	25,030	11,330	13,699	
Q4	31,253	20,599	10,654	25,565	12,375	13,190	32,155	20,200	11,955	27,559	13,064	14,495	
	117,172	78,314	38,858	94,701	45,709	48,992	118,897	75,015	43,881	101,318	47,544	53,773	
<b>2004</b>													
Q1	30,132	19,888	10,244	24,309	11,746	12,563	31,067	19,713	11,354	26,155	12,520	13,635	
Q2	31,821	20,402	11,419	25,886	12,260	13,626	32,272	19,857	12,415	27,696	13,115	14,580	
Q3	30,895	19,515	11,380	25,563	11,752	13,811	31,328	19,039	12,289	27,045	12,344	14,701	
Q4	32,350	20,739	11,611	27,124	13,364	13,760	33,176	20,615	12,560	29,075	14,356	14,718	
	125,199	80,544	44,655	102,882	49,122	53,760	127,843	79,224	48,619	109,970	52,335	57,634	
<b>2005</b>													
Q1	30,824	19,424	11,400	26,306	13,001	13,305	31,826	19,440	12,386	27,968	13,887	14,080	
Q2	33,566	21,083	12,483	27,854	13,658	14,196	34,171	20,777	13,395	29,358	14,508	14,850	
Q3	33,007	20,085	12,922	28,114	12,746	15,368	33,315	19,619	13,697	29,431	13,518	15,913	
Q4	35,273	22,094	13,179	31,184	15,062	16,122	35,166	21,220	13,946	32,397	15,786	16,611	
	132,671	82,686	49,985	113,457	54,467	58,990	134,479	81,055	53,423	119,154	57,700	61,454	
<b>2006</b>													
Q1	33,883	20,548	13,335	29,764	14,796	14,968	33,985	19,776	14,209	30,702	15,284	15,417	
Q2	35,540	20,977	14,563	30,901	14,079	16,822	35,787	20,513	15,274	31,709	14,536	17,174	
Q3	35,317	20,629	14,688	29,634	13,645	15,989	35,341	20,043	15,299	30,349	14,143	16,206	
Q4	36,302	21,081	15,221	33,275	15,683	17,592	36,198	20,381	15,816	34,180	16,387	17,792	
	141,042	83,235	57,807	123,574	58,203	65,371	141,311	80,714	60,597	126,940	60,350	66,589	
<b>2007</b>													
Q1	37,143	20,992	16,151	32,643	16,805	15,836	37,224	20,816	16,409	32,948	16,909	16,039	
Q2	38,775	21,592	17,183	32,798	15,446	17,352	38,653	21,448	17,204	32,831	15,460	17,371	
Q3	37,860	20,053	17,807	32,682	14,977	17,705	37,720	19,997	17,723	32,520	14,893	17,627	
Q4	39,703	21,442	18,261	35,990	17,040	18,950	39,884	21,818	18,065	35,812	17,006	18,807	
	153,481	84,079	69,402	134,112	64,268	69,842	153,481	84,079	69,402	134,112	64,268	69,844	
<b>2008</b>													
Q1	36,851	20,150	16,701	33,662	15,864	17,798	37,357	20,918	16,440	33,625	15,927	17,699	
Q2	38,169	20,515	17,654	33,071	14,660	18,411	38,787	21,691	17,096	32,771	14,686	18,085	
Q3	37,419	19,810	17,609	32,291	13,860	18,431	37,397	20,362	17,034	31,856	13,856	18,000	
Q4	39,457	21,020	18,437	33,976	13,291	20,685	38,334	20,442	17,892	33,013	12,927	20,086	
	151,896	81,495	70,401	133,000	57,675	75,325	151,875	83,414	68,461	131,266	57,395	73,871	
<b>2009</b>													
Q1	36,876	20,536	16,340	30,921	12,516	18,405	36,239	20,267	15,973	30,058	11,977	18,081	
Q2	38,120	20,790	17,330	30,804	11,474	19,330	37,831	20,885	16,946	30,455	11,420	19,035	
Q3	36,110	18,526	17,584	28,101	10,373	17,728	36,421	19,054	17,367	28,071	10,471	17,599	
Q4	37,350	18,099	19,251	30,448	10,941	19,507	37,891	18,743	19,148	30,528	11,101	19,427	
	148,455	77,951	70,504	120,273	45,304	74,969	148,383	78,948	69,434	119,113	44,970	74,143	
<b>% growth rate year on year</b>													
<b>2003</b>													
Q1	-10.9	-20.4	19.3	-13.3	-23.6	0.4	-7.2	-13.8	7.2	-10.4	-17.0	-3.0	
Q2	-7.6	-15.5	14.1	-12.1	-23.5	1.7	-2.0	-6.3	6.5	-8.7	-16.6	-0.4	
Q3	-3.4	-10.9	15.6	-2.3	-11.5	7.4	0.6	-3.6	8.5	1.7	-3.4	6.3	
Q4	4.7	-1.8	20.1	7.4	0.1	15.4	11.4	9.0	15.6	13.1	10.3	15.7	
<b>2004</b>													
Q1	7.1	3.9	14.0	6.8	1.9	11.9	11.0	11.1	10.7	8.5	7.0	10.0	
Q2	9.8	4.8	19.9	12.2	11.0	13.2	9.5	6.3	15.2	12.4	14.6	10.6	
Q3	7.3	2.2	17.4	9.7	9.2	10.1	7.0	3.5	12.8	8.0	8.9	7.3	
Q4	3.5	0.7	9.0	6.1	8.0	4.3	3.2	2.1	5.1	5.5	9.9	1.5	
<b>2005</b>													
Q1	2.3	-2.3	11.3	8.2	10.7	5.9	2.4	-1.4	9.1	6.9	10.9	3.3	
Q2	5.5	3.3	9.3	7.6	11.4	4.2	5.9	4.6	7.9	6.0	10.6	1.8	
Q3	6.8	2.9	13.5	10.0	8.5	11.3	6.3	3.0	11.5	8.8	9.5	8.2	
Q4	9.0	6.5	13.5	15.0	12.7	17.2	6.0	2.9	11.0	11.4	10.0	12.9	
<b>2006</b>													
Q1	9.9	5.8	17.0	13.1	13.8	12.5	6.8	1.7	14.7	9.8	10.1	9.5	
Q2	5.9	-0.5	16.7	10.9	3.1	18.5	4.7	-1.3	14.0	8.0	0.2	15.7	
Q3	7.0	2.7	13.7	5.4	7.1	4.0	6.1	2.2	11.7	3.1	4.6	1.8	
Q4	2.9	-4.6	15.5	6.7	4.1	9.1	2.9	-3.9	13.4	5.5	3.8	7.1	
<b>2007</b>													
Q1	9.6	2.2	21.1	9.7	13.6	5.8	9.5	5.3	15.5	7.3	10.6	4.0	
Q2	9.1	2.9	18.0	6.1	9.7	3.1	8.0	4.6	12.6	3.5	6.4	1.1	
Q3	7.2	-2.8	21.2	10.3	9.8	10.7	6.7	-0.2	15.8	7.2	5.3	8.8	
Q4	9.4	1.7	20.0	8.2	8.7	7.7	10.2	7.0	14.2	4.8	3.8	5.7	
<b>2008</b>													
Q1	-0.8	-4.0	3.4	3.1	-5.6	12.4	0.4	0.5	0.2	2.1	-5.8	10.3	
Q2	-1.6	-5.0	2.7	0.8	-5.1	6.1	0.3	1.1	-0.6	-0.2	-5.0	4.1	
Q3	-1.2	-1.2	-1.1	-1.2	-7.5	4.1	-0.9	1.8	-3.9	-2.0	-7.0	2.1	
Q4	-0.6	-2.0	1.0	-5.6	-22.0	9.2	-3.9	-6.3	-1.0	-7.8	-24.0	6.8	
<b>2009</b>													
Q1	0.1	1.9	-2.2	-8.1	-21.1	3.4	-3.0	-3.1	-2.8	-10.6	-24.8	2.2	
Q2	-0.1	1.3	-1.8	-6.9	-21.7	5.0	-2.5	-3.7	-0.9	-7.1	-22.2	5.3	
Q3	-3.5	-6.5	-0.1	-13.0	-25.2	-3.8	-2.6	-6.4	2.0	-11.9	-24.4	-2.2	
Q4	-5.3	-13.9	4.4	-10.4	-17.7	-5.7	-1.2	-8.3	7.0	-7.5	-14.1	-3.3	

**Annex 2 Transportable Goods Industries & Utilities Sector and Building & Construction Sector at Constant Factor Cost -  
(Chain linked annually and referenced to year 2007) - Non-Seasonally Adjusted and Seasonally Adjusted**

€ million

Period	NON-SEASONALLY ADJUSTED			SEASONALLY ADJUSTED		
	Industry	<i>of which</i> Transportable Goods Industries and Utilities	<i>of which</i> Building and construct.	Industry	<i>of which</i> Transportable Goods Industries and Utilities	<i>of which</i> Building and construct.
2003						
Q1	10,776	7,815	2,837	10,865	7,817	2,943
Q2	11,473	8,415	2,867	11,051	7,958	2,966
Q3	10,371	7,220	3,215	11,055	7,874	3,174
Q4	12,300	8,755	3,504	11,965	8,583	3,317
2004						
Q1	11,690	8,397	3,210	11,753	8,362	3,326
Q2	12,142	8,731	3,322	11,667	8,217	3,442
Q3	10,909	7,554	3,399	11,609	8,247	3,353
Q4	12,154	8,479	3,696	11,896	8,375	3,506
2005						
Q1	11,983	8,490	3,461	12,022	8,424	3,576
Q2	12,758	9,058	3,662	12,246	8,501	3,802
Q3	11,549	7,751	3,870	12,227	8,434	3,808
Q4	12,829	8,852	3,999	12,676	8,846	3,800
2006						
Q1	12,611	8,682	3,943	12,579	8,540	4,073
Q2	13,727	9,929	3,769	13,211	9,343	3,924
Q3	12,537	8,472	4,094	13,163	9,147	4,008
Q4	13,034	8,987	4,061	13,023	9,098	3,860
2007						
Q1	14,338	10,177	4,161	14,221	9,935	4,308
Q2	13,960	10,088	3,866	13,468	9,518	4,050
Q3	13,262	9,213	4,056	13,791	9,845	3,934
Q4	14,249	10,155	4,093	14,431	10,447	3,888
2008						
Q1	14,156	10,382	3,774	13,936	10,032	3,929
Q2	14,350	10,772	3,577	13,893	10,216	3,770
Q3	13,190	9,572	3,618	13,606	10,134	3,475
Q4	12,102	8,781	3,321	12,377	9,134	3,151
2009						
Q1	13,074	10,426	2,648	12,814	10,017	2,773
Q2	12,684	10,227	2,457	12,302	9,730	2,601
Q3	11,987	9,510	2,477	12,293	9,996	2,361
Q4	11,372	9,123	2,249	11,714	9,567	2,133
<i>Percentage change on corresponding period of previous year</i>				<i>Percentage change on previous quarter</i>		
2003						
Q1	1.4	1.5	0.9	-0.9	-1.1	-1.6
Q2	-1.2	-1.9	2.9	1.7	1.8	0.8
Q3	-1.0	-3.2	7.1	0.0	-1.1	7.0
Q4	8.5	7.8	11.1	8.2	9.0	4.5
2004						
Q1	8.5	7.4	13.2	-1.8	-2.6	0.3
Q2	5.8	3.8	15.8	-0.7	-1.7	3.5
Q3	5.2	4.6	5.7	-0.5	0.4	-2.6
Q4	-1.2	-3.2	5.5	2.5	1.6	4.6
2005						
Q1	2.5	1.1	7.8	1.1	0.6	2.0
Q2	5.1	3.7	10.3	1.9	0.9	6.3
Q3	5.9	2.6	13.9	-0.2	-0.8	0.2
Q4	5.6	4.4	8.2	3.7	4.9	-0.2
2006						
Q1	5.2	2.3	13.9	-0.8	-3.5	7.2
Q2	7.6	9.6	2.9	5.0	9.4	-3.7
Q3	8.6	9.3	5.8	-0.4	-2.1	2.1
Q4	1.6	1.5	1.5	-1.1	-0.5	-3.7
2007						
Q1	13.7	17.2	5.5	9.2	9.2	11.6
Q2	1.7	1.6	2.6	-5.3	-4.2	-6.0
Q3	5.8	8.8	-0.9	2.4	3.4	-2.9
Q4	9.3	13.0	0.8	4.6	6.1	-1.2
2008						
Q1	-1.3	2.0	-9.3	-3.4	-4.0	1.1
Q2	2.8	6.8	-7.5	-0.3	1.8	-4.0
Q3	-0.5	3.9	-10.8	-2.1	-0.8	-7.8
Q4	-15.1	-13.5	-18.9	-9.0	-9.9	-9.3
2009						
Q1	-7.6	0.4	-29.8	3.5	9.7	-12.0
Q2	-11.6	-5.1	-31.3	-4.0	-2.9	-6.2
Q3	-9.1	-0.7	-31.5	-0.1	2.7	-9.2
Q4	-6.0	3.9	-32.3	-4.7	-4.3	-9.7

## Background Notes

- Introduction** This release gives the official quarterly national accounts estimates for Ireland. It provides the first set of results for quarter 4 of 2009 and preliminary results for the year 2009. These are compiled in accordance with the ESA95 system of accounts, as used in all member states of the European Union. The aggregates shown have been derived from a wide variety of sources. As some of the available sources are of lesser reliability than those used for the annual national accounts, the quarterly estimates given in this release have a higher margin of error than the annual figures.
- Revisions** Minor revisions have been made to the previously published figures for the first three quarters of 2009.
- Current Price** For the annual accounts, GDP at current prices is calculated using two independent approaches i.e. the *income* and *expenditure* methods. On a quarterly basis, it is not possible to compile a reliable income based estimate. The estimates in current prices are on the expenditure basis only and these are supplied in Table 2. The balancing item (i.e. the statistical discrepancy) which is required to adjust the expenditure based estimate to the definitive measure of GDP (the average of income and expenditure) has been projected forward into 2009 in line with the trend in the aggregate of all the other expenditure items.
- Volumes** At constant prices, two measures (*output and expenditure*) are used. These measures are now being produced using annual chain linked indices. On the output side, for each quarter, the volume growth measures at a detailed level are weighted together using value added weights of the previous year. Similarly, on the expenditure side, the growth estimates are weighted by expenditure weights of the previous year. The average of the two measures is the growth measure used. The change over a period of years is then calculated by linking together the annual changes. The estimates in this release are referenced to 2007 values. A consequence of this method is that the individual components of GDP at reference year values do not add to the total.
- Definitions** **Gross Domestic Product (GDP)** represents the total value added (output) in the production of goods and services in the country.
- Net factor income from the rest of the world (NFI)** is the difference between investment income (interest, profits etc.) and labour income earned abroad by Irish resident persons and companies (inflows) and similar incomes earned in Ireland by non-residents (outflows). The data are taken from the Balance of Payments statistics. However the components of interest flows involving banks in this item in the national accounts are constructed on the basis of “pure” interest rates (that is exclusive of FISIM) whereas in the balance of payments the FISIM adjustment is not carried out. There is an equal and opposite adjustment then made to the imports and exports of services in the national accounts which is not made to these items in the balance of payments. The deflator used to generate the constant price figures is based on the implied quarterly price index for the exports of goods and services. In some years exceptional income payments have had to be deflated individually.
- Gross National Product (GNP)** is the sum of GDP and NFI. Because NFI is the difference between two large gross flows, its magnitude can fluctuate greatly from one quarter to another. This can lead to significant differences between the GDP and GNP growth rate for the same quarter.

### Methodology **Table 1: Output Measure**

The estimation procedures are similar to those used for the annual accounts whenever possible. However, in a number of cases the annual methodology cannot be followed due to the lack of relevant data.

#### **Agriculture, Forestry and Fishing**

The estimate for Agriculture is calculated by using the available sub-annual information for exports and slaughterings of animals, milk deliveries, stock changes (six-monthly), fertiliser and feeding stuffs usage etc. For some items, annual figures are distributed equally across the quarters. Monthly sea fish landings are used to estimate the quarterly output of fishing.

#### **Industry**

The gross value added of manufacturing industry is calculated by applying monthly volume of production indices to the previous year’s quarterly gross value added, including royalties. Royalties are separately deflated using the export price index and then deducted.

Changes in the volume of investment in construction projects are used to estimate the output of the building and construction sector.

**Distribution, Transport and Communications**

For distribution the methods used are similar to those used for the annual calculation. They rely heavily on the retail sales indices and other CSO services inquiries. In the case of transport, most of the output measures used for the annual calculations are available on a quarterly basis.

For communications the main data sources are direct inquiries to the suppliers, with additional data and trend estimation for some residual components.

**Public Administration and Defence**

The quarterly estimate of value added for public administration and defence has been calculated based on the employment trends in the public sector.

**Other Services (Incl. Rent)**

The Other Services category covers a variety of service activities, some of which are surveyed on a quarterly basis by the CSO. For some services, information on outputs is not directly available on a quarterly basis. In most of these cases, quarterly estimates are derived using trends in related indicators. In a small number of residual cases, annual estimates are distributed equally across the quarters.

**Taxes and Subsidies**

Taxes and subsidies are deflated at a detailed level using appropriate price indices. Value added taxes and excise duties have been accrued and recorded in the period in which the underlying expenditure took place.

**Net factor income from the rest of the world**

The value of net income flows with the rest of the world in the Quarterly National Accounts release is generally consistent with the published Balance of Payments statistics except for the FISIM adjustment (see the definition of this item above).

**Tables 2 and 3: Expenditure Measures**

The various components of the expenditure based measure of GDP are defined in the annual *National Income and Expenditure* publication. The methods used for the quarterly series are similar to those used for the annual where possible but in many cases alternative methods have been applied.

**Personal Consumption Expenditure** is estimated using CSO data, such as the Retail Sales Indices together with some direct inquiries. Administrative data sources are used for some goods such as fuel and power products and motor vehicles. Constant price estimates are obtained using components of the Consumer Price Index (CPI).

**Net Expenditure by Central and Local Government** at current market prices is estimated using Government records. From Q2 of 2009 it is calculated net of the public sector pension levy introduced in March 2009. The constant price estimates of remuneration are derived by extrapolating base year estimates using an index of employment or using appropriate deflators for wages and are unaffected by the pension levy which is treated as a reduction in wage rates. Expenditure on goods and services is deflated partly by consumer price indices and partly by wholesale price indices.

**Gross Domestic Fixed Capital Formation** at current market prices includes expenditure on building and construction work and machinery and equipment. The quarterly estimates of dwellings are based on data from the Department of Environment's (DoE) Quarterly Housing Bulletin. Information on other building and construction is obtained from the Department's Review and Outlook together with data from the Public Capital Programme. Quarterly estimates of commercial vehicles used in the business sector are estimated using administrative data. Estimates of other machinery and equipment are made by reference to import statistics and the CSO Quarterly Capital Assets in Industry Inquiry. Current estimates are deflated to prices of the previous year using appropriate price indices such as components of the Wholesale Price Index (WPI) and indices for construction activity.

**Value of Physical Changes in Stocks** at current prices covers stock changes in the agricultural, industrial and distribution sectors and in intervention stocks. This item measures the actual value change in stocks between the beginning and end of quarter *adjusted for any changes in the prices of the underlying commodities*. Data on industrial and distribution stocks are taken from published and unpublished components of the CSO Quarterly Stocks Inquiry. Agricultural stocks are estimated from the results of CSO's agricultural enumerations and statistics on animal slaughterings, etc. Constant price estimates are calculated by deflating the current estimates using relevant price indices and price data on agricultural and intervention stocks. Some adjustments have been made to the stocks values to improve the coherence of the quarterly accounts. These are judgmental adjustments to allow for within-year timing differences between the output and expenditure measures. Over a calendar year, these adjustments are neutral.

**Exports and Imports of Goods and Services** at current prices are taken from the CSO Balance of Payments series. An adjustment is made for FISIM (see the definition of “net factor income from the rest of the world” page 12) Current price estimates are converted to previous year prices using the available price indices, including export and import unit value indices.

A very significant fall in the pattern of distributive type trade with Great Britain in Electrical machinery and parts in 2002 has a very large influence on year-on-year comparisons of both exports and imports for 2003 and the latter part of 2002. While the comparisons of gross flows are considerably influenced, the net balance of trade is not significantly affected.

**Seasonal Adjustment** The series are adjusted using the X-11 ARIMA procedure, which is an adaptation of the U.S. Bureau of the Census X-11 seasonal adjustment program, developed by Statistics Canada. The adjusted series are obtained by seasonally adjusting each of the original unadjusted series. This applies to GDP and GNP also. In other words the seasonally adjusted GDP and GNP are not derived as the sum of the seasonally adjusted components (such as Personal Consumption, Exports etc.) but rather by seasonally adjusting the unadjusted values of GDP and GNP as shown in Tables 1 - 3. On account of this and also because of the statistical discrepancy in the original series, the sum of the seasonally adjusted components of GDP and GNP do not add to the respective seasonally adjusted series.