

Forfás



**ENTERPRISE
STATISTICS
AT A GLANCE 2010**

About Forfás

Forfás is Ireland's policy advisory board for enterprise, trade, science, technology and innovation. It provides independent and rigorous research, advice and support in the areas of enterprise and science policy. This work informs the Department of Enterprise, Trade and Innovation and wider Government. Forfás works with IDA Ireland, Enterprise Ireland and Science Foundation Ireland to ensure the coherence of policies across the enterprise development agencies.

Forfás manages the work of and provides research and analytical support to:

- Advisory Council for Science, Technology and Innovation
- Expert Group on Future Skills Needs
- National Competitiveness Council

Forfás manages the national awareness programme, Discover Science and Engineering (DSE), the accreditation services of the Irish National Accreditation Board (INAB) and hosts the Office of the Chief Scientific Adviser to Government.

Introduction

“Enterprise Statistics at a Glance 2010” brings together data from publications by Forfás, the Central Statistics Office and other bodies. It contains a summary of statistics on a number of areas relevant to the performance of the Irish enterprise sector: the economic context; economy expenditure and output; Ireland’s international trade in goods and services; and inward and outward foreign direct investment flows. The data covers various years/ timescales and in all cases the latest available data is used. Altogether, the statistics in this booklet highlight some of the key trends in the activities of enterprises based in Ireland and help describe how they are developing and changing over recent years. Some key messages emerge from the data.

The contribution of net exports to economic growth has increased in 2009. Personal consumption and investment in Ireland have, as predicted, decreased since 2008. The data indicates that both consumption and investment, and the general government balance as a percentage of GDP, are all set to improve in 2011. In terms of exports, Ireland and other countries are set to experience increases in exports in 2010. Imports of key trading partners are set to increase also, creating export opportunities for Irish based firms.

The total direct expenditure in the Irish economy by firms supported by the enterprise agencies amounted to €38bn in 2009, with equal contributions from foreign and Irish owned companies. The growth in business sector R&D in 2008 was driven by Irish owned companies.

Exports of goods and services increased at an average annual rate of 3.8 per cent between 2004 and 2009, with services contributing most to growth. Ireland’s merchandise export volume continues to grow, but lags the world export volume growth.

Chemicals contributed 31 per cent to total goods and services exports in 2009, an increase in share of almost 3 per cent from 2008. The share of machinery and transport equipment to total goods exports has decreased rapidly from 2004. Computer services stands out as one of the main service export growth sectors, contributing over 30 per cent to total services exports and experiencing one of the highest annual growth rates between 2003 and 2009. At the level of individual countries, the UK continues to be the main export destination for services, but the US is the main destination for goods. The annual growth rate in goods exports to China is 30 per cent and, if this continues, it will result in China becoming one of Ireland's main trading partners for goods exports in the near future.

Business services and royalties/licences are the main goods and services import sectors in Ireland. Many goods imports experienced a decrease in value in 2009 - the decrease in machinery and transport equipment was highest. Business services and royalties/licences are the main services import sectors. In contrast to exports, the UK is Ireland's main source of goods imports and the US is the main origin of services imports.

The change in the level of Irish outward direct investment stock has greatly outperformed both the change in world ODI stock and EU ODI stock since 2000. Services contribute almost 85 per cent to total Irish ODI stock abroad. In contrast to ODI, the change in the level of FDI stock in Ireland has lagged the changes in the world and the EU.

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Economic Context, Output, R&D and Innovation

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1.1 Economic Environment at a Glance

	2005	2006	2007	2008	2009 (f)	2010 (f)	2011 (f)
GDP, € million	162,091	176,759	189,751	181,816	170,934	-	-
Personal consumption change %	6.6	6.5	5.6	-0.7	-7.1	-3.5	1.3
Investment change %	14.7	3.9	2.4	-15.5	-29.7	-17.6	4.2
General Government Balance as % of GDP	2.7	4.0	1.2	-5.9	-12.2	-8.8	-8.6

Note: (f) forecast

Source: EU Commission, "Spring 2010 European Economic Forecast" for 2010 and 2011 forecasts. GDP figures and 2009 figures for actual change in personal consumption from Central Statistics Office (CSO) "National Accounts".

1.2 GDP Growth of Main Trading Partners

% change	2009 (f)	2010 (f)	2011 (f)
Ireland	-7.1	-0.9	3.0
Euro area	-4.1	0.9	1.5
UK	-4.9	1.2	2.1
US	-2.4	2.8	2.5
World Growth	-0.9	4.0	4.0

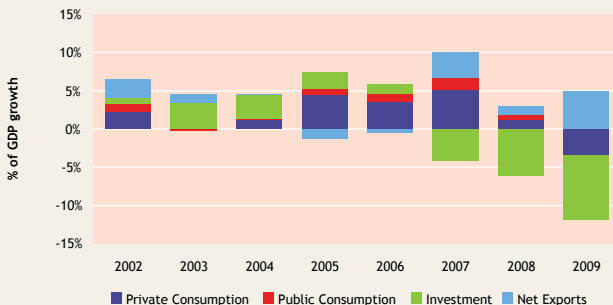
Source: EU Commission, "Spring 2010 European Economic Forecast", and 2009 actual growth in GDP in Ireland was from the CSO, "National Accounts".

1.3 Number Employed and Unemployment Rate in Ireland, 2005-2011

	2005	2006	2007	2008	2009	2010	2011 (f)
Employment (Q1 for each year, '000s)	1,917	2,009	2,089	2,124	1,966	1,858	-
Unemployment rate (%)	4.4	4.5	4.6	6.3	11.8	13.7 (f)	13.4
Unemployment (seasonally adjusted, Q1 for each year, '000s)	84.1	93.5	98.9	110.4	224.7	277.4	-
Live register (month of September for each year, '000s)	153.3	152.3	160.6	240.2	419.8	442.4	-

Source: Central Statistics Office (CSO), "Quarterly National Household Survey" and "Live Register", various editions, and EU Commission, "Spring 2010 European Economic Forecast".

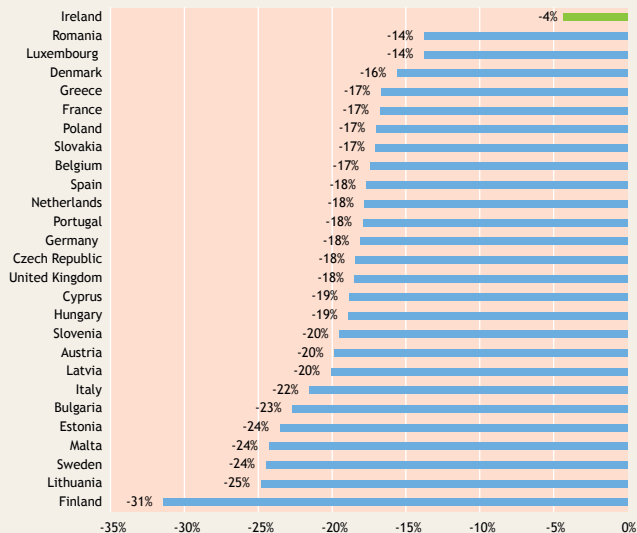
1.4 Contribution of Net Exports to Irish Economic Growth, constant prices¹, 2002-2009



Source: CSO, "Annual National Accounts", Forfás calculations.

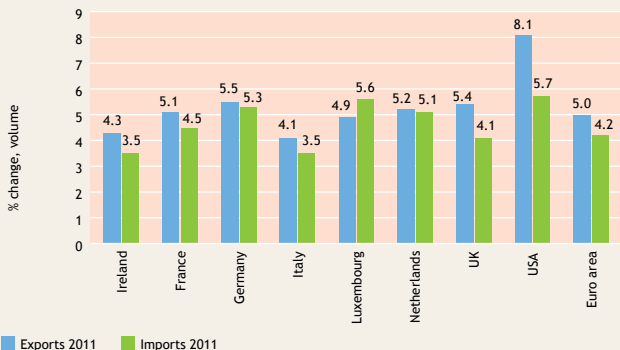
% of GDP growth	2002	2003	2004	2005	2006	2007	2008	2009
Private Consumption	2.17	0.01	1.26	4.43	3.59	5.14	1.24	-3.36
Public Consumption	1.05	-0.26	0.08	0.94	0.95	1.66	0.73	-0.11
Investment	0.90	3.47	3.18	2.10	1.30	-4.06	-6.08	-8.47
Net Exports	2.35	1.17	0.08	-1.29	-0.49	3.29	1.08	4.85

1.5 Merchandise Exports, percentage change in value between 2008-2009, EU 27



Source: Eurostat, statistical database.

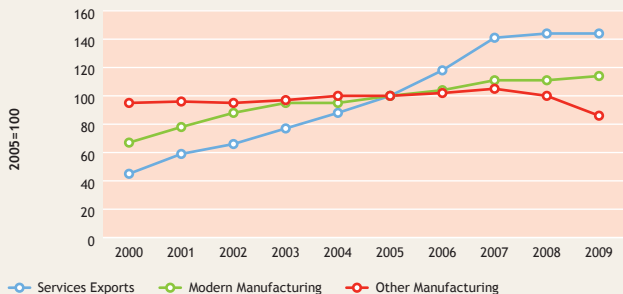
1.6 Trade of Goods and Services, Outlook 2010-2011, various countries



Source: EU Commission, "Spring 2010 European Economic Forecast".

% change, volume	2009		2010		2011	
	Exports	Imports	Exports	Imports	Exports	Imports
Ireland	-2.3	-9.3	2.0	-1.3	4.3	3.5
France	-11.5	-9.8	4.7	4.1	5.1	4.5
Germany	-14.2	-8.9	6.2	4.6	5.5	5.3
Italy	-19.1	-14.5	3.4	2.8	4.1	3.5
Luxembourg	-7.7	-9.3	2.8	2.9	4.9	5.6
Netherlands	-8.2	-8.7	5.9	3.1	5.2	5.1
UK	-10.6	-11.9	5.2	5.3	5.4	4.1
USA	-9.7	-13.9	11.3	10.1	8.1	5.7
Euro area	-13.0	-11.5	4.9	2.9	5.0	4.2

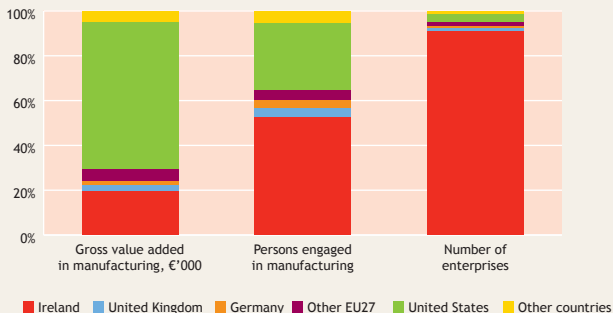
1.7 Index of Manufacturing Output Volume and Services Exports, 2000-2009



Source: CSO, "Industrial Production & Turnover" and "Balance of Payments".

Base year = 2005	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Services Exports	45	59	66	77	88	100	118	141	144	144
Modern Manufacturing ²	67	78	88	95	95	100	104	111	111	114
Other Manufacturing	95	96	95	97	100	100	102	105	100	86

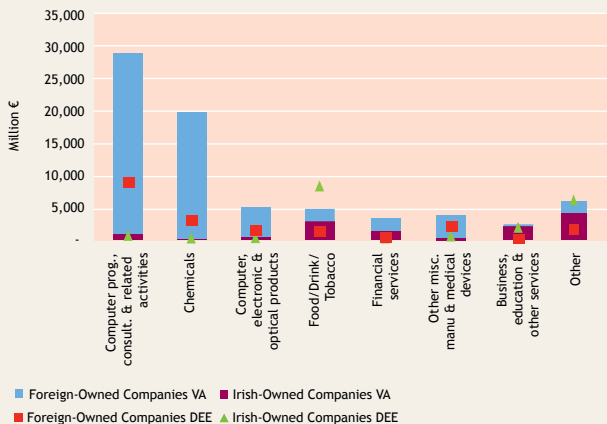
1.8 Gross Value Added³, Persons Engaged⁴ and Number of Enterprises in Manufacturing in Ireland, by ownership, 2008



Source: CSO, "Census of Industrial Production, 2008".

Country of ownership	Gross value added in manufacturing, €'000	Persons engaged in manufacturing	Number of enterprises
Ireland	6,300,742	103,076	4,545
United Kingdom	940,409	7,939	60
Germany	467,330	6,805	56
Other EU27	1,736,728	9,582	89
United States	20,927,274	57,579	188
Other countries	1,445,159	10,223	51
Total in Ireland	31,817,642	195,204	4,989

1.9 Value Added (VA)⁵ and Direct Economy Expenditure (DEE)⁶ of Agency Assisted⁷ Firms by Sector, current prices, 2009



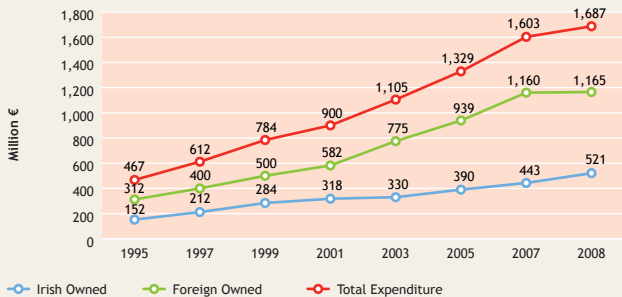
Source: Forfás, "Annual Business Survey of Economic Impact (ABSEI), 2009", forthcoming.

Section 1

1.9 Continued

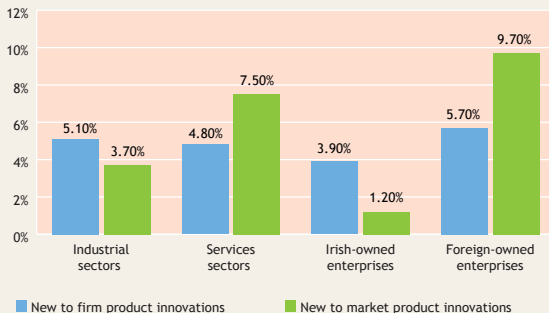
Million €	Irish-Owned Companies VA	Foreign- Owned Companies VA	Irish-Owned Companies DEE	Foreign- Owned Companies DEE
Computer prog., consult. & related activities	976	28,294	885	9,153
Chemicals	152	19,685	235	3,113
Computer, electronic & optical products	317	4,820	313	1,590
Food/Drink/ Tobacco	2,909	1,989	8,390	1,305
Financial services	1,344	2,032	281	358
Other misc. manu & medical devices	362	3,419	575	1,954
Business, education & other services	2,121	287	1,911	84
Other	4,107	1,980	6,219	1,568
<i>Energy, water, waste & construction</i>	<i>1,848</i>	<i>-</i>	<i>2,977</i>	<i>-</i>
<i>Machinery & equipment</i>	<i>304</i>	<i>330</i>	<i>454</i>	<i>277</i>
<i>Non-metallic minerals</i>	<i>397</i>	<i>31</i>	<i>729</i>	<i>47</i>
<i>Basic & fabricated metal products</i>	<i>414</i>	<i>105</i>	<i>611</i>	<i>163</i>
<i>Textiles, clothing, footwear & leather</i>	<i>83</i>	<i>10</i>	<i>110</i>	<i>11</i>
<i>Wood & wood products</i>	<i>94</i>	<i>18</i>	<i>243</i>	<i>122</i>
<i>Paper & printing</i>	<i>214</i>	<i>117</i>	<i>303</i>	<i>93</i>
<i>Rubber & plastics</i>	<i>285</i>	<i>451</i>	<i>336</i>	<i>217</i>
<i>Electrical equipment</i>	<i>105</i>	<i>267</i>	<i>147</i>	<i>251</i>
<i>Transport Equipment</i>	<i>48</i>	<i>274</i>	<i>42</i>	<i>218</i>
<i>Publishing, broadcasting & telecommunications</i>	<i>172</i>	<i>52</i>	<i>184</i>	<i>23</i>
<i>Other IT & computer services</i>	<i>143</i>	<i>324</i>	<i>83</i>	<i>145</i>
Total	12,288	62,506	18,808	19,125

1.10 Business Sector R&D Expenditure, current prices, 1995-2008



Source: CSO and Forfás, "Business Expenditure on Research and Development, 2007/2008".

1.11 Percentage of Turnover arising from New to Market and New to Firm Product Innovations, by sector and ownership, 2006-2008



Source: CSO and Forfás, "Community Innovation Survey, 2006-2008".

Section 2

International Exports of Goods and Services

- 2.1 Ireland's Merchandise and Services Exports, value & volume, current prices, 2000-2009
- 2.2 Indigenous Agency-Assisted Company Merchandise and Services Exports, current prices, 2000-2009
- 2.3 Composition of Ireland's Goods and Services Exports, current prices, 2009
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- 2.8 Composition and Geographical Distribution of Ireland's Services Exports, current prices, 2008
- 2.9 Share of Total Extra and Intra EU27 Goods and Services Exports, current prices, 2004 and 2008

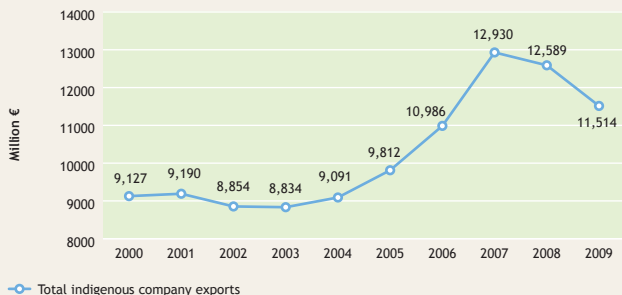
2.1 Ireland's Merchandise and Services Exports, value & volume, current prices, 2000-2009



Source: World volumes from "WTO International Trade Statistics 2009". Irish data from CSO, Database Direct and "External Trade Bulletin June 2010 (provisional) July 2010 (Preliminary)".

Million €	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	CAGR ⁸ , %, 2004- 2009
Services Exports, value	21,674	28,562	31,589	37,133	42,424	48,219	57,069	67,960	69,203	69,333	+10.32
Of which: IFSC ⁹	3,842	5,727	8,303	9,131	14,546	14,122	20,137	21,157	20,669	19,099	+5.88
Merchandise Exports, value	83,889	92,690	93,675	82,076	84,410	86,732	86,772	89,226	86,394	84,243	-0.04
Total Exports	105,563	121,252	125,264	119,209	126,834	134,951	143,841	157,186	155,597	153,576	3.89
Volume Index, base = 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008		
Irish Merchandise Exports Volume	100	105	108	104	111	114	114	120	121		
World Merchandise Exports Volume	100	100	103	108	117	123	130	136	137		

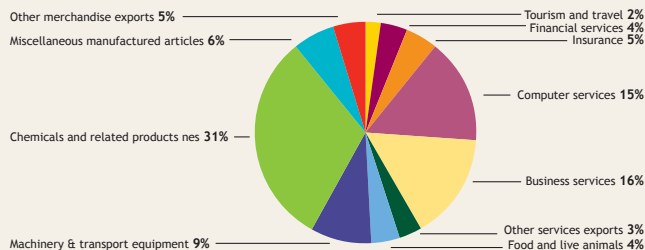
2.2 Indigenous Agency-Assisted Company Merchandise and Services Exports, current prices, 2000-2009



Source: CSO, Database Direct and Forfás, "Annual Business Survey of Economic Impact (ABSEI), 2009", forthcoming.

€ million	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	CAGR, % 2004-2009
Total economy exports	150,563	121,252	125,264	119,209	126,834	134,951	143,841	157,186	155,597	153,579	3.90%
Total agency-assisted company exports	82,468	88,050	91,211	92,999	95,477	101,577	122,487	131,442	136,137	125,960	5.70%
Total indigenous company exports	9,127	9,190	8,854	8,834	9,091	9,812	10,986	12,930	12,589	11,514	4.84%
Percentage manufacturing	83.0%	81.2%	82.8%	81.0%	77.9%	76.0%	76.7%	76.3%	74.5%	71.6%	
Percentage services	17.0%	18.8%	17.2%	19.0%	22.1%	24.0%	23.3%	23.7%	25.5%	21.4%	

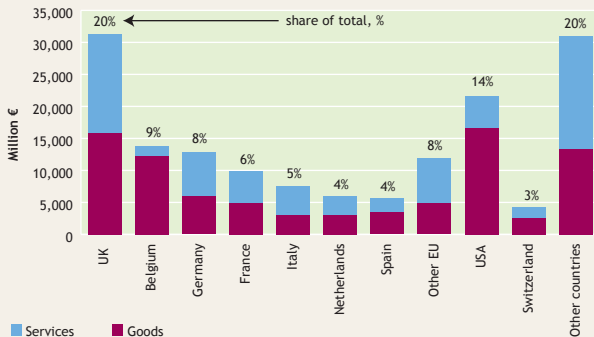
2.3 Composition of Ireland's Goods and Services Exports¹⁰, current prices, 2009



Source: CSO, Database Direct and "External Trade Bulletin June 2010 (provisional) July 2010 (Preliminary)".

Million €	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Tourism and travel	2,851	3,131	3,256	3,409	3,536	3,863	4,258	4,426	4,279	3,506
Financial services	2,255	2,080	2,909	3,365	4,267	4,850	6,214	7,440	6,850	6,099
Insurance	2,723	4,916	5,217	7,691	7,821	6,909	8,738	8,799	8,582	7,091
Computer services	8,138	9,979	11,056	12,575	15,100	15,755	18,298	21,726	23,284	23,650
Business services	2,070	4,904	5,496	6,957	8,439	13,072	15,399	20,571	21,400	23,877
Other services exports	3,637	3,552	3,655	3,136	3,261	3,770	4,162	4,998	4,808	5,110
Food and live animals	5,948	5,801	5,780	5,779	6,063	6,380	7,034	7,603	7,085	6,268
Machinery & transport equipment	34,012	37,607	33,171	23,521	22,935	22,710	23,186	21,806	18,365	13,585
Chemicals and related products nes	27,361	32,278	39,061	35,785	37,492	40,421	39,696	43,069	44,225	47,980
Miscellaneous manufactured articles	8,864	8,969	8,285	9,457	9,910	9,066	8,651	8,489	8,902	9,189
Other merchandise exports	7,704	8,035	7,379	7,533	8,010	8,156	8,205	8,259	7,817	7,221
Total	105,563	121,252	125,264	119,209	126,834	134,951	143,841	157,186	155,597	153,576

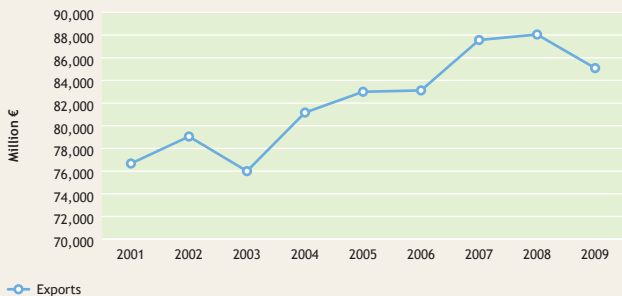
2.4 Destination of Ireland's Goods and Services Exports¹¹, current prices, 2008



Source: CSO, Database Direct.

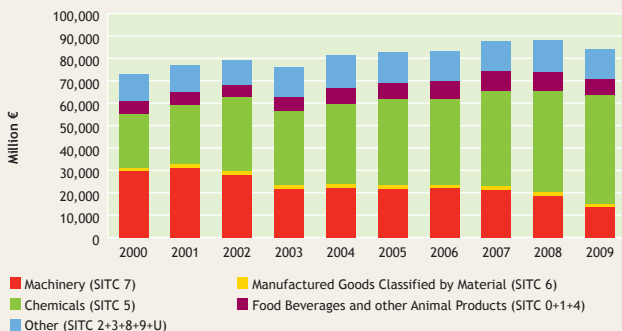
€ million	Goods	Services	Total
UK	15,864	15,311	31,175
Belgium	12,253	1,453	13,706
Germany	6,089	6,850	12,939
France	5,019	4,895	9,914
Italy	3,007	4,514	7,521
Netherlands	3,028	2,930	5,958
Spain	3,590	2,166	5,756
Other EU	4,989	6,977	11,967
USA	16,674	4,913	21,587
Switzerland	2,561	1,637	4,198
Other countries	13,319	17,557	30,876
Total	86,394	69,203	155,597

2.5 Ireland's Goods Exports by Value, constant prices¹², 2001-2009



Source: CSO, "External Trade Bulletin", various editions.

2.6 Composition of Ireland's Goods Exports, constant prices¹³, 2000-2009

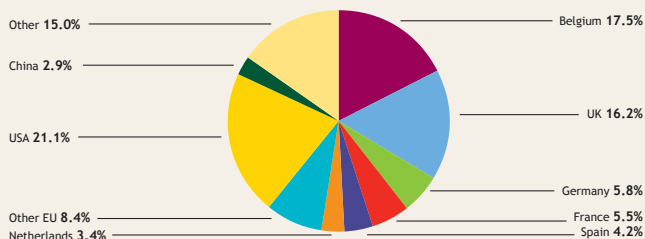


Source: CSO, Database Direct.

2.6 Continued

SITC Product Groups ¹⁴	Section	Million €									
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
0	Food and live animals	5,172	4,798	4,877	5,351	5,830	6,105	6,738	7,461	7,188	6,340
1	Beverages and tobacco	833	815	846	1,025	997	1,056	1,302	1,381	1,253	1,091
2	Crude materials, inedible, except fuels	819	788	728	801	953	1,031	1,430	1,510	1,301	983
3	Mineral fuels, lubricants and related products	248	246	305	186	384	590	539	674	849	602
4	Animal and vegetable oils, fats and waxes	24	20	22	29	24	18	19	27	43	20
5	Chemicals and related products nes ¹⁵	23,792	26,698	32,963	33,135	36,050	38,680	38,023	42,266	45,079	48,523
6	Manufactured goods classified chiefly by material	1,716	1,617	1,625	1,659	1,747	1,679	1,642	1,784	1,691	1,258
7	Machinery & transport equipment	29,575	31,105	27,992	21,779	22,053	21,732	22,209	21,400	18,700	13,737
8	Miscellaneous manufactured articles	7,708	7,418	6,991	8,756	9,529	8,676	8,286	8,331	9,061	9,292
9	Commodities and transactions not classified elsewhere	3,059	3,158	2,700	3,273	3,595	3,432	2,922	2,728	2,847	2,492
U	Unclassified	-	-	-	-	-	-	6	0	0	
	Total	72,947	76,663	79,051	75,996	81,163	82,997	83,115	87,562	88,012	84,338

2.7 Destination of Ireland's Goods Exports, current prices, 2009

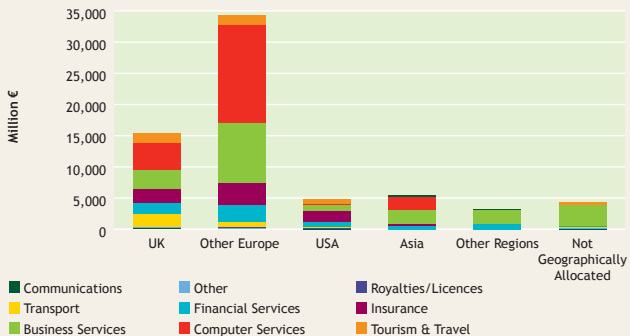


Source: CSO, "External Trade Bulletin".

Note: at the time of writing, updated data on the breakdown of exports by destination was unavailable, resulting in the total value of goods exports differing from table 2.1. CSO classifies exports by country of final destination. The last country to which the goods are specifically directed on their outward movement from the State is regarded as their final destination. This is not necessarily the country in which the goods will be unshipped or that in which they will be finally consumed.

Million €	2009	CAGR, %, 2004- 2009
Belgium	14,644	+3.51
UK	13,495	-2.35
Germany	4,822	-5.95
France	4,608	-1.78
Spain	3,480	+7.29
Netherlands	2,837	-6.00
Other EU	7,052	-1.44
USA	17,585	+1.21
China	2,407	+30.37
Other	12,548	-2.45

2.8 Composition and Geographical Distribution of Ireland's Services Exports, current prices, 2008



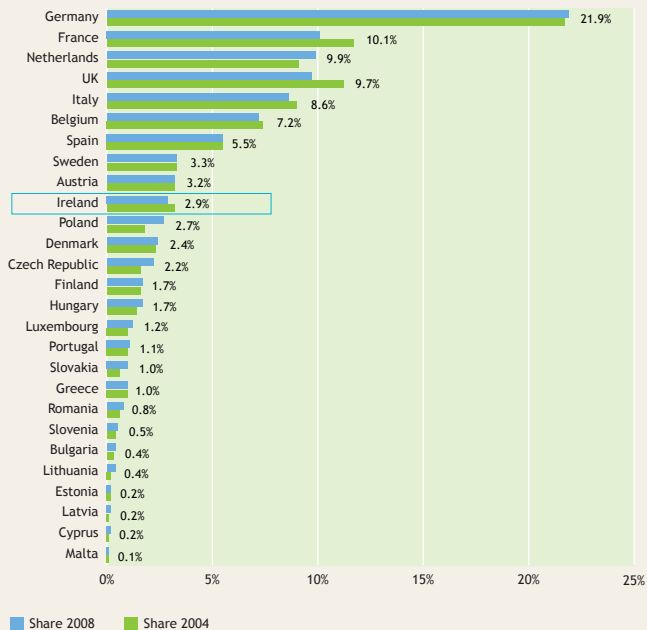
Source: CSO, "Services Exports and Imports 2007 and 2008".

Note: * indicates that data is unavailable.

2.8 Continued

	Other Europe	UK	USA	Asia	Other Regions	Not Geographically Allocated	Total		
Total, Million €	34,331	15,311	4,913	5,455	4,937	4,256	69,203		
% of total Services Exports	49.6	22.1	7.1	7.9	7.1	6.2	100.0		
% CAGR 2003 and 2009	17.5	10.3	-0.4	27.7	15.4	4.5	13.3		
Million €								% share 2008	CAGR, %, 2004-2009
Communications	126	252	35	12	12	88	525	0.8	+6.0
Other	53	120	84	*	*	76	365	0.5	-6.9
Royalties/Licences	216	102	197	*	*	107	911	1.3	+33.8
Transport	804	1,950	167	4	8	77	3,010	4.3	+9.1
Financial Services	2,684	1,757	691	641	837	240	6,850	9.9	-0.2
Insurance	3,600	2,323	1,900	218	*	*	8,582	12.4	+7.4
Business Services	9,516	3,029	812	2,313	2,316	3,414	21,400	30.9	-1.9
Computer Services	15,847	4,329	249	2,027	*	*	23,284	33.6	+23.1
Tourism & Travel	1,486	1,449	777	168	62	337	4,279	6.2	+9.4

2.9 Share of Total Extra and Intra EU27 Goods and Services Exports, current prices, 2004 and 2008



Note: 2008 values are defined in the chart.

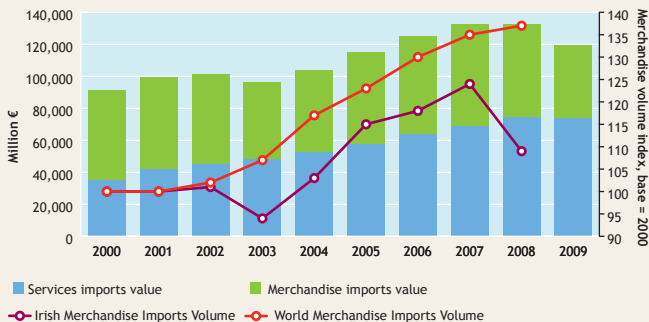
Source: Eurostat, Member states (EU27) trade by Broad Economic Category (BEC) product group since 1999.

Section 3

International Imports of Goods and Services

- 3.1 Ireland's Merchandise and Services Imports, value & volume, current prices, 2000-2009
- 3.2 Composition of Goods and Services Imports, current prices, 2009
- 3.3 Origin of Ireland's Goods and Services Imports, current prices, 2008
- 3.4 Composition of Ireland's Goods Imports, constant prices, 2000-2009
- 3.5 Composition and Geographical Distribution of Ireland's Services Imports, current prices, 2008
- 3.6 Share of Total Extra and Intra EU27 Goods and Services Imports, current prices, 2004 and 2008

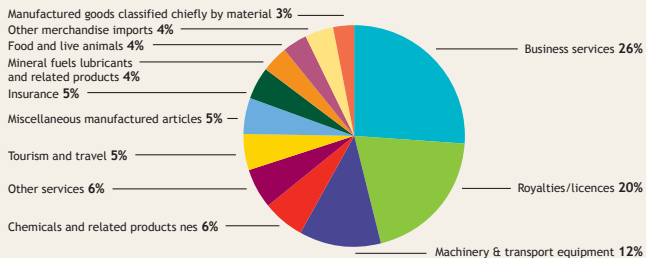
3.1 Ireland's Merchandise and Services Imports, value & volume, current prices, 2000-2009



Source: World volumes from "WTO International Trade Statistics 2009". Irish data from CSO, Database Direct and "External Trade Bulletin June 2010 (provisional) July 2010 (Preliminary)".

Million €	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	CAGR, %, 2004-2009
Services imports value	35,563	41,822	45,370	48,223	52,625	57,521	63,867	69,081	74,574	74,290	7.14%
Of which: IFSC	3,098	4,809	5,966	5,581	9,692	8,908	12,557	12,955	13,657	12,241	5.06
Merchandise imports, value	55,909	57,384	55,628	47,864	51,105	57,465	60,857	63,486	57,585	45,078	-2.48
Total Imports	91,472	99,206	100,998	96,087	103,730	114,986	124,724	132,567	132,159	119,368	2.85
Volume Index Base = 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008		
Irish Merchandise Imports Volume	100	99	100	94	103	114	118	123	109		
World Merchandise Imports Volume	100	99	101	107	116	122	129	135	136		

3.2 Composition of Goods and Services Imports, current prices, 2009

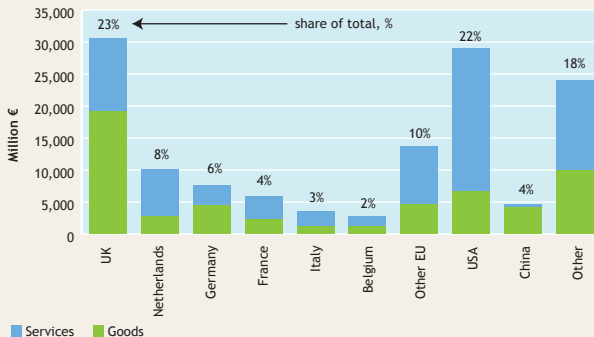


Source: CSO, Database Direct and "External Trade Bulletin June 2010 (provisional) July 2010 (Preliminary)".

3.2 Continued

Million €	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Business services	15,113	18,551	20,517	19,472	22,146	25,313	26,203	28,674	30,572	31,224
Royalties/licences	9,051	10,578	11,697	14,208	15,169	15,482	17,534	18,621	22,550	23,860
Machinery & transport equipment	29,739	30,224	28,317	20,732	21,964	25,002	25,571	25,379	20,049	14,282
Chemicals and related products	6,105	6,341	6,922	6,897	7,140	7,419	7,964	8,127	8,282	7,370
Other services	5,684	4,748	5,027	4,808	5,087	5,852	7,445	8,353	7,880	7,058
Tourism and travel	2,750	3,206	3,942	4,188	4,184	4,898	5,446	6,300	7,055	6,287
Miscellaneous manufactured articles	5,893	6,300	6,116	6,303	6,332	7,086	7,360	7,610	6,861	6,143
Insurance	2,965	4,739	4,187	5,547	6,039	5,976	7,239	7,133	6,517	5,861
Mineral fuels, lubricants and related products	2,300	2,219	1,932	1,969	2,814	4,020	4,719	5,728	6,595	4,445
Food and live animals	2,826	3,116	3,157	3,160	3,273	3,681	4,086	4,593	4,681	4,415
Other merchandise imports	4,695	4,794	4,846	4,559	4,964	5,309	5,588	5,967	5,661	4,997
Manufactured goods classified chiefly by material	4,351	4,391	4,338	4,245	4,620	4,947	5,569	6,082	5,457	3,427
Total imports	91,472	99,206	100,998	96,088	103,730	114,986	124,724	132,567	132,159	119,368

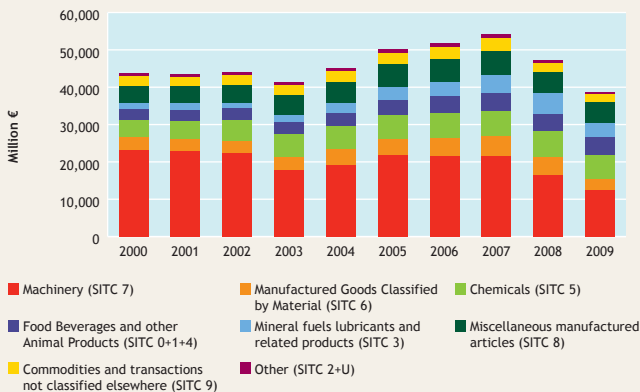
3.3 Origin of Ireland's Goods and Services Imports, current prices, 2008



Source: CSO, "External Trade Bulletin" and "Services Imports and Exports".

Million €	Goods	Services	Total
UK	19,203	11,377	30,580
Netherlands	2,892	7,291	10,183
Germany	4,641	3,069	7,710
France	2,388	3,443	5,831
Italy	1,344	2,303	3,647
Belgium	1,321	1,465	2,786
Other EU	4,768	8,946	13,714
USA	6,763	22,276	29,039
China	4,275	395	4,670
Other	9,991	14,009	24,000
Total	57,585	74,574	132,159

3.4 Composition of Ireland's Goods Imports, constant prices¹⁶, 2000-2009

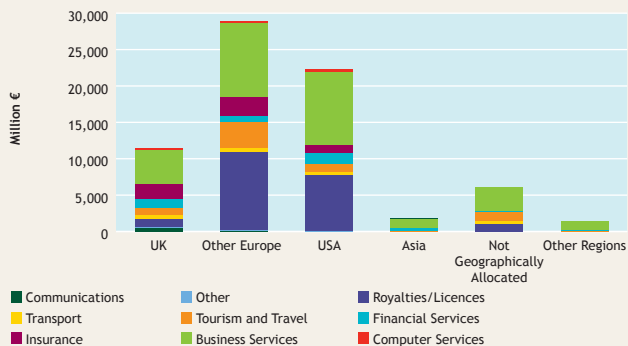


Source: CSO, Database Direct.

3.4 Continued

SITC Product Groups	Section	Million €										
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
0	Food and live animals	2,208	2,364	2,491	2,722	2,884	3,218	3,472	3,916	3,911	3,877	
1	Beverages and tobacco	408	515	575	608	613	678	684	770	698	676	
2	Crude materials, inedible, except fuels	640	606	632	681	743	817	908	940	695	512	
3	Mineral fuels, lubricants and related products	1,797	1,683	1,525	1,696	2,479	3,514	4,010	4,883	5,509	3,903	
4	Animal and vegetable oils, fats and waxes	95	93	91	104	103	113	138	137	174	155	
5	Chemicals and related products nes	4,770	4,811	5,464	5,941	6,290	6,485	6,766	6,928	6,919	6,471	
6	Manufactured goods classified chiefly by material	3,399	3,331	3,424	3,656	4,070	4,325	4,732	5,185	4,559	3,010	
7	Machinery & transport equipment	23,234	22,932	22,350	17,857	19,351	21,855	21,725	21,636	16,749	12,543	
8	Miscellaneous manufactured articles	4,604	4,780	4,827	5,429	5,579	6,194	6,253	6,488	5,731	5,395	
9	Commodities and transactions not classified elsewhere	850	935	1,081	1,090	1,152	1,096	970	2,102	2,166	2,104	
U	Unclassified	0	0	11	0	-	-	0	1	-	-	
	Total	42,005	42,051	42,470	39,783	43,265	48,295	49,658	52,986	47,111	38,647	

3.5 Composition and Geographical Distribution of Ireland's Services Imports, current prices, 2008



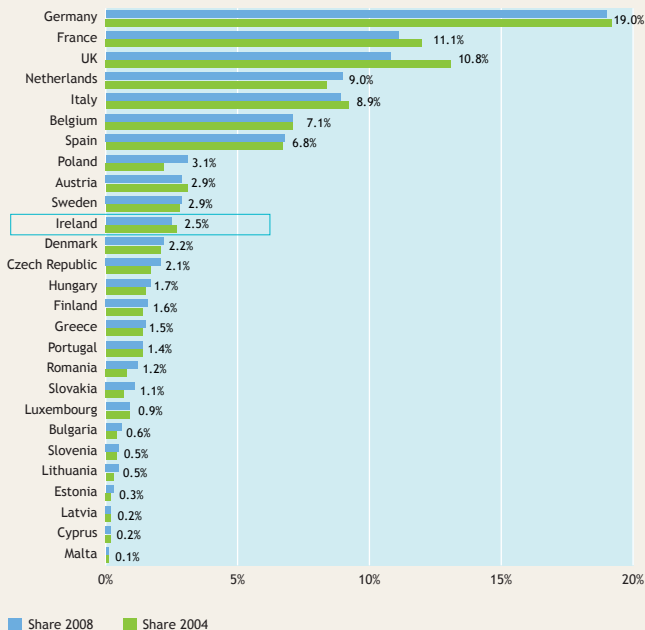
Source: CSO, "Services Exports and Imports 2007 and 2008".

Note: * indicates data is unavailable.

3.5 Continued

Million €	UK	Other Europe	USA	Asia	Not Geographically Allocated	Other Regions	Total		
Total	11,377	28,868	22,276	1,788	6,274	3,991	74,574		
% of total Services Imports	15.3	38.7	29.9	2.4	8.4	5.4	100.0		
% CAGR 2003 and 2008	+9.1	+9.7	+7.6	+6.1	+20.8	+3.0	+9.1		
Million €								Share of total, %, 2008	CAGR, %, 2004-2009
Communications	576	182	35	10	48	14	865	1.2	-2.3
Other	52	22	40	*	*	*	167	0.2	+8.5
Royalties/Licences	1,127	10,789	7,741	*	973	*	22,549	30.2	+7.3
Transport	584	431	322	42	472	16	1,867	2.5	-0.6
Tourism and Travel	889	3,679	1,185	22	1,239	41	7,055	9.5	+10.6
Financial Services	1,369	788	1,496	375	56	214	4,298	5.8	+18.8
Insurance	1,936	2,559	1,140	131	*	*	6,517	8.7	+9.5
Business Services	4,698	10,277	10,032	1,161	3,257	1,148	30,573	41.0	+7.1
Computer Services	145	143	282	18	*	*	686	0.9	+3.2

3.6 Share of Total Extra and Intra EU27 Goods and Services Imports, current prices, 2004 and 2008



Source: Eurostat, Member states (EU27) trade by BEC product group since 1999.

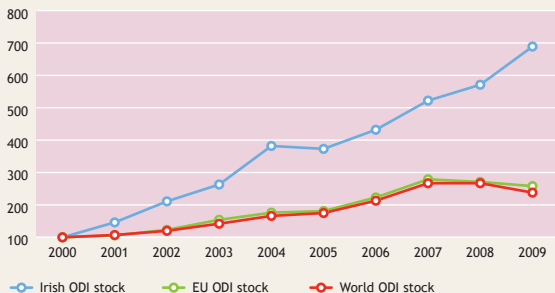
Note: 2008 data is highlighted in the chart.

Section 4

Direct Investment Position

- 4.1 Index of Outward Direct Investment (ODI) Stock, 2000-2009
- 4.2 Ireland's ODI Stock and Flow by Destination of Investment, 2008
- 4.3 ODI Stock, selected activities, 2008
- 4.4 Cumulative Stock of ODI as a percentage of GDP, selected countries, 2006-2009
- 4.5 Index of Foreign Direct Investment (FDI) Stock, 2000-2009
- 4.6 FDI Stock and Flow in Ireland by Location of Investor, 2008
- 4.7 FDI Stock, selected activities, 2008
- 4.8 Cumulative Stock of FDI as a percentage of GDP, selected countries, 2006-2009

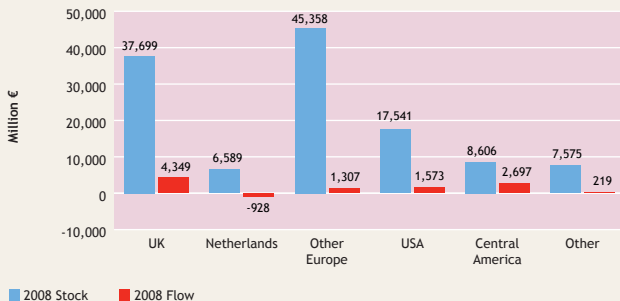
4.1 Index of Outward Direct Investment (ODI)¹⁷ Stock¹⁸, 2000-2009



Source: UNCTAD, "World Investment Report 2010".

Base = 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Irish ODI stock	100	146	211	263	382	373	432	522	571	689
EU ODI stock	100	106	123	154	176	181	223	279	271	258
World ODI stock	100	107	120	142	166	175	213	267	267	238

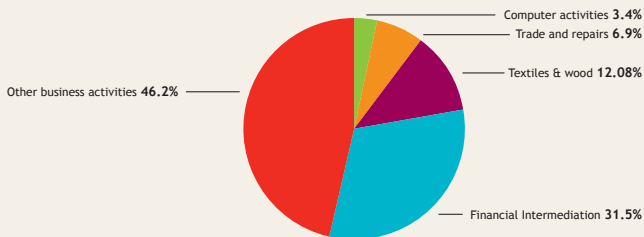
4.2 Ireland's ODI Stock and Flow¹⁹ by Destination of Investment, 2008



Source: CSO, "Foreign Direct Investment".

Million €	2006 Stock	2006 Flow	2008 Stock	2008 Flow	Stock % change 2006 and 2008
UK	25,105	3,965	37,699	4,349	+50.1
Netherlands	6,608	-2,987	6,589	-928	-0.3
Other Europe	38,065	6,454	45,358	1,307	+19.1
USA	11,618	4,161	17,541	1,573	+50.9
Central America	3,087	1,099	8,606	2,697	+178.7
Other	7,186	-477	7,575	219	+5.4
Total	91,669	12,215	123,368	9,217	+34.5

4.3 ODI Stock, selected activities, 2008

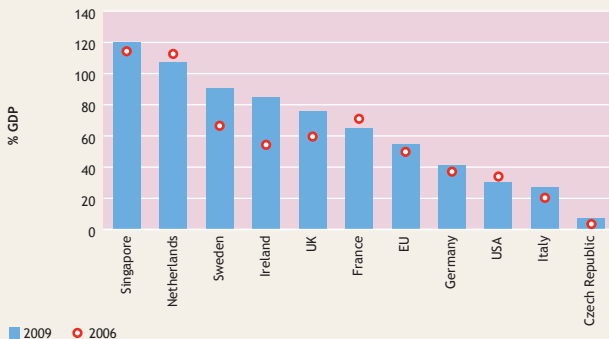


Source: CSO, "Foreign Direct Investment 2008".

Note: data is not available on all activities so only some were selected for inclusion in the chart.

Million €	2008 Stock	2008 Flow
Total Manufacturing	17,882	927
Total Services	104,954	8,447
Computer activities	2,856	276
Trade and repairs	5,745	219
Textiles & wood	9,996	1,449
Financial Intermediation	26,248	4,051
Other business activities	38,482	3,465
Other	40,041	-243
Total	123,368	9,217

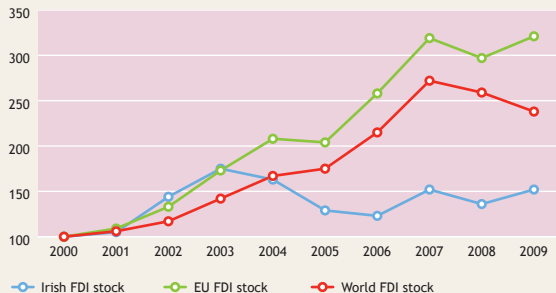
4.4 Cumulative Stock of ODI as a percentage of GDP, selected countries, 2006-2009



Source: UNCTAD, "World Investment Report 2010".

% GDP	2006	2009
Singapore	114.3	120.3
Netherlands	112.6	107.4
Sweden	66.5	90.5
Ireland	54.3	84.7
UK	59.6	76.0
France	71.0	64.9
EU	49.8	55.0
Germany	37.1	41.2
USA	34.0	30.2
Italy	20.3	27.4
Czech Republic	3.5	7.3

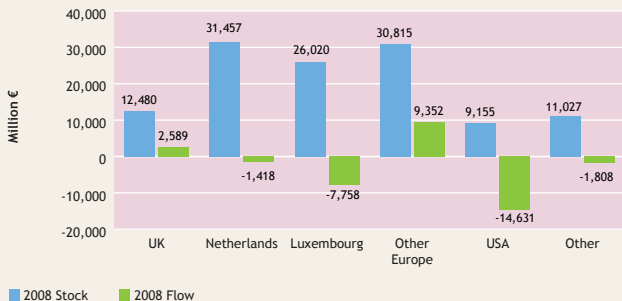
4.5 Index of Foreign Direct Investment (FDI)²⁰ Stock, 2000-2009



Source: UNCTAD, "World Investment Report 2010".

Base = 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Irish FDI stock	100	105	144	175	163	129	123	152	136	152
EU FDI stock	100	109	133	173	208	204	258	319	297	321
World FDI stock	100	106	117	142	167	175	215	272	259	238

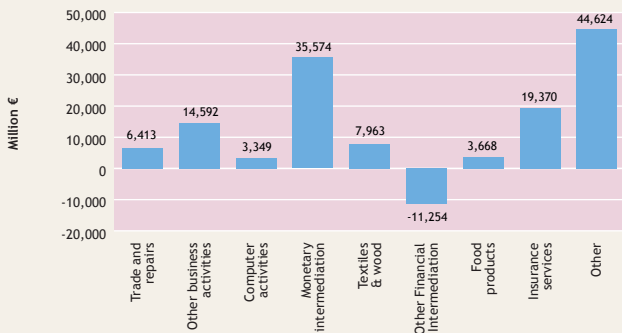
4.6 FDI Stock and Flow in Ireland by Location of Investor, 2008



Source: CSO, "Foreign Direct Investment 2008".

Million €	2006 Stock	2006 Flow	2008 Stock	2008 Flow	Stock % change 2006 and 2008
UK	11,652	-2,550	12,480	+2,589	+7.1
Netherlands	28,509	-2,634	31,457	-1,418	+10.3
Luxembourg	35,266	+3,769	26,020	-7,758	-26.2
Other Europe	17,371	+1,157	30,815	+9,352	+77.4
USA	5,835	-667	9,155	-14,631	+56.9
Other	20,191	-3,493	11,027	-1,808	-45.4
Total	118,824	-4,418	120,954	-13,674	+1.8

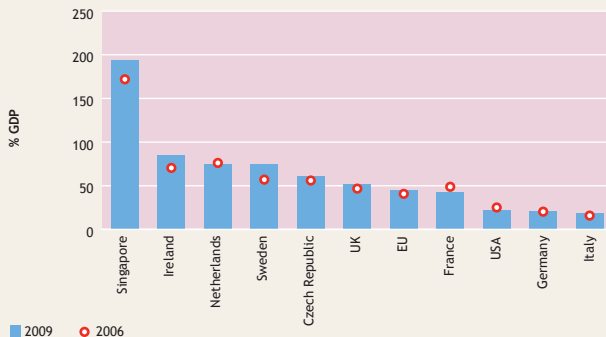
4.7 FDI Stock, selected activities, 2008



Source: CSO, "Foreign Direct Investment 2008".

Million €	2008 Stock	2008 Flow
Total Manufacturing	47,227	4,987
Total Services	73,446	-18,351
Trade and repairs	6,413	na
Other business activities	14,592	na
Computer activities	3,349	100
Monetary intermediation	35,574	756
Textiles & wood	7,963	1,761
Other Financial Intermediation	-11,254	-18,048
Food products	3,668	-2,158
Insurance services	19,370	-4,246
Other	44,624	8,161
Total	120,950	-13,674

4.8 Cumulative Stock of FDI as a percentage of GDP, selected countries, 2006-2009



Source: UNCTAD, "World Investment Report 2010".

Footnotes

- 1 Constant prices use price indices to adjust for inflation.
- 2 The 'modern' sector includes: chemicals and chemical products; basic pharmaceutical products and preparations; computers, electronic and optical products; electrical equipment; reproduction of recorded media; and, medical and dental instruments and supplies.
- 3 CSO defines 'gross value added' as follows: *Gross Value Added* is the *production value* (i.e. total turnover adjusted for changes in stocks and own-account capital assets) less *intermediate consumption* (i.e. total purchases adjusted for changes in stocks of materials and fuels)
- 4 Results are for industrial enterprises with 3 or more persons engaged (number of full-time and part-time employees, proprietors and family workers as well as outside piece-workers).
- 5 Value Added is defined as total sales minus all purchases of raw materials and services.
- 6 Economy expenditure is defined as expenditure in the Irish economy on payroll costs, Irish-produced raw materials and Irish services
- 7 Agency assisted companies are companies within the client base of Enterprise Ireland, IDA Ireland, Shannon Development and Údarás na Gaeltachta.
- 8 Compound Annual Growth Rate (CAGR) is the year-on-year growth rate of a variable over a period of time. It is calculated using the following formula: $CAGR = (V_1/V_0)^{1/(T_1-T_0)} - 1$, where V_1 = value at time 1 (T_1), V_0 = value at time 0 (T_0),
- 9 From the start of 2000 new international financial service projects are no longer subject to the earlier certification and licensing procedures in operation for location in the IFSC and such projects can, therefore, locate anywhere in Ireland. Additions to existing IFSC projects, however, are still subject to the formal procedures (CSO Balance of Payments). The activities of all international financial service enterprises are covered under the IFSC heading. The IFSC includes a range of internationally traded financial services, including banking, asset financing, fund management, corporate treasury management, investment management, custody and administration and specialised insurance operations
- 10 Please note that exports of goods are measured differently to exports of services. This figure gives an indication of approximate shares of each sector to total exports.
- 11 This figure contains data on the countries with the highest shares of total exports. While 'other countries' contributes 20 per cent, when broken down further, the level of exports to the individual countries is lower than the other countries highlighted in the table.
- 12 Using export price index, 1990 prices.
- 13 Using export price index, 1990 prices.
- 14 SITC is the Standard International Trade Classification. It is used to classify the exports and imports of goods of a country and it enables the direct comparison between countries and years.

- 15 Nes indicates that data is not elsewhere specified.
- 16 Using import price index, 1990 prices.
- 17 ODI is defined as investment by an Irish-owned company abroad. An investment is considered 'direct investment' when a company has a lasting interest in another company. The CSO indicates that at least a 10 per cent equity ownership reflects a lasting interest of a company in another company in a different country and thus qualifies as direct investment. Direct investment is calculated using equity capital, reinvested earnings and other capital. The internationally agreed definition of ODI and FDI are used by the CSO and UNCTAD and include data on both merger and acquisition investments and Greenfield investment. Other non-equity forms of investment are included in the data, for example, real estate investment.
- 18 Direct investment stock represents the balance sheet position of direct investment into/out of Ireland.
- 19 Direct investment flow represents the sum of total direct investment transactions that are recorded in one year.
- 20 Direct investment in Ireland covers the net investment by foreign companies in their affiliates located in Ireland.

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October 2010.

Forfás
Wilton Park House
Wilton Place
Dublin 2

Tel: +353 1 607 3000
Fax: +353 1 607 3030

Website: www.forfas.ie
E-mail: info@forfas.ie