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POLICY AND ECONOMICS DIVISION

Northern Ireland Agri-Food Sector

Key Statistics June 2014



Agriculture, Fishing & Forestry



**Northern Ireland Agri-Food Sector
Key Statistics
June 2014**

**Key Facts on
Agriculture,
Fishing,
and Forestry**

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DARD**

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Table 1: General economic data

	NI	Scotland	Wales	England	UK	EU 27
GVA per head (£, 2012)	16,127	20,013	15,401	21,937	21,674	N/A
Population ('000, 2012)	1,819	5,307	3,069	53,300	63,495	500,307
Area (sq. km, 2012)	13,562	77,933	20,733	130,279	242,507	4,454,237 ¹
Population Density (per sq. km, 2012)	134	68	148	409	262	112
Bank Base interest rate (% , June 2014)					0.5	
RPI (% change, April 2013 - April 2014)					2.5	
Unemployment rate (% , Quarter 1 2014)	7.1	6.2	6.6	6.7	6.7	10.6

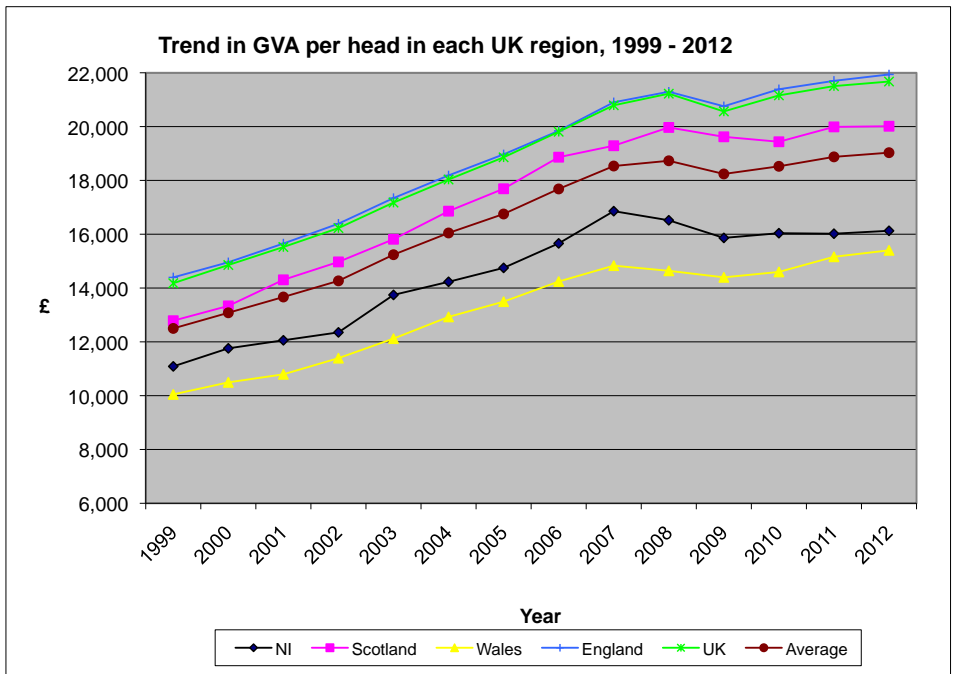
Unemployment rates are not seasonally adjusted and taken from the Labour Force Survey (LFS). EU27 figure from Eurostat, February 2014.

GVA - Gross Value Added (at basic prices)

RPI - Retail Price Index

1. 2009 data

Figure 1 - Trend in GVA per head in each UK region, 1999 - 2012



Note: GVA is in basic prices

Figure 2 - Population per 100 ha of Utilised Agricultural Area (UAA), 2012

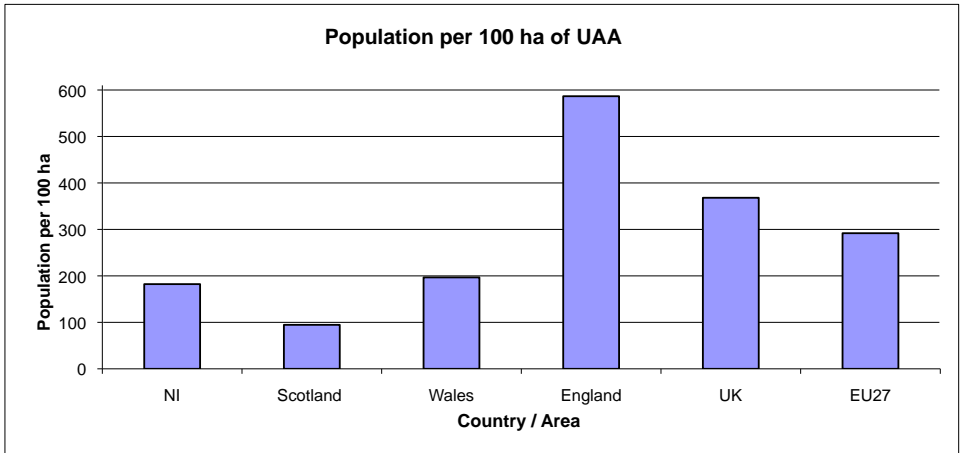


Table 2: Agriculture: general data, 2013

	NI	Scot	Wales	Eng	UK	ROI	EU27
Share of total GVA (%)	1.5	0.9 ¹	0.5 ¹	0.6 ¹	0.6 ¹	2.4 ¹	1.7
No. employed in agriculture forestry & fishing ('000)	29	57	27	265	378	116.8 ⁴	10,024 ²
Share of employment (%)	3.6	2.2	2.0	1.0	1.3	6.1 ⁴	4.7 ²
Number of farms ('000)	25	53	42	101	221	140 ²	13,700 ³
Average farm size (Ha)	41	117	37	90	78	33 ²	13 ³
LFA (% Agricultural area)	70	86	81	17	49	75 ³	51 ³

1. 2012, 2. 2010, 3. 2007

4. CSO Quarterly National Household Survey, 4th quarter, 2013

Due to National Accounting principles, GVA figures do not include Single Farm Payment

Source for UK employment data (SIC 2007, main job) - Labour force survey (Quarter 1, 2014)

Table 3: Agriculture in NI: structural adjustment, 1993, 2003 and 2011-2013

	1993	2003	2011	2012	2013
Number of farms	34,084	28,281	24,436	24,285	24,503
Average farm size (Ha)	31.7	38.0	40.6	40.8	40.7
Total farmers and workers	62,992	54,486	46,848	47,464	47,796

Table 4: Agri - food sector GVA and employment, 2013

	NI		UK	
	£m	% of GVA	£m	% of GVA
Gross value added¹				
Agriculture	445	1.5	9,222	0.6
Food and drink processing	720 ²	3.9 ²	21,360 ³	1.6 ³
Employment	'000 persons	% of total employment	'000 persons	% of total employment
Agriculture, forestry and fishing	29 ⁴	3.6 ⁴	378 ⁵	1.3 ⁵
Food and drink processing ⁶	19 ⁴	2.4 ⁴	428 ⁵	1.4 ⁵

1. GVA figures are at basic prices

2. DARD Size and Performance of the NI Food and Drinks Processing Sector, Subsector Statistics, 2012 Provisional estimate. This includes an estimate of the value added of those food and drinks processing businesses with a turnover of less than £250,000.

3. UK 2011 figures

4. % of total LFS employment (810,000 in NI at Q1, 2014)

5. % of total LFS employment (30,430,000 in UK at Q1 2014).

6. SIC 2007 10.11 - 11.07 (includes animal feed)

Table 5: Distribution of farm outputs in NI and share of UK totals, 2013

Enterprise	% of NI total		NI output as % of UK output	
	Gross output	Gross Margin	On farm employment	
	%	%	%	%
Dairy	32.7	56.3	20	14.7
Cattle	22.9	12.8	53	15.2
Sheep & wool	3.1	1.5	14	5.7
Pigs	6.9	4.3	} 4	10.3
Poultry & eggs	16.9	7.7		
Cereals & oilseed rape	2.0	5.1	} 9	0.9
Potatoes	1.3	2.4		
Horticulture	3.7	6.6		
Others	10.5	3.4		4.0
Total	100.0	100.0	100	7.5

Source: Aggregate Agricultural Account. Employment data from June 2013 Agricultural Survey.

Table 6: NI food and drink processing sector - gross turnover, value added, employment by subsector, external and export sales, (Provisional 2012)

Subsector	Gross turnover	Value added	Employees ¹	External Sales ²	Export Sales ³
	£m	£m		£m	£m
Animal by-products	25	10	117	25	5
Bakeries	274	95	3,199	110	65
Beef and sheepmeat	1,125	135	3,942	860	230
Drinks	378	85	1,209	225	195
Eggs	108	15	257	65	20
Fish	76	15	551	60	35
Fruit and vegetables	240	65	2,042	145	55
Milk and milk products	947	110	2,072	665	365
Pigmeat	296	40	1,264	180	60
Poultrymeat	685	150	5,126	565	140
Total	4,154	720	19,778	2,900	1,170

1. Full - time equivalents This may be an underestimation of total employment in the sector, as some workers provided by employment agencies may not be recorded in these figures. This issue is being investigated and where available, further details will be presented in the July 2014 DARD Size and Performance publication.

2. Sales outside NI.

3. Sales outside UK.

Source: DARD Size and Performance of the Northern Ireland Food and Drinks Processing Sector, Subsector Statistics, 2012 provisional estimates. These figures exclude an estimate of those food and drinks processing businesses with a turnover of less than £250,000. Provisional estimates for 2012 have been estimated by adjusting the 2011 baseline largely on the basis of information available within DARD. Provisional estimates for 2012 will be updated in the next version of the publication 'Size and Performance of the Northern Ireland Food and Drinks Processing Sector, Subsector Statistics', which will be published in July 2014.

Figure 3 - Gross turnover and full time equivalent (FTE) workforce by food processing subsector, NI (Provisional 2012)

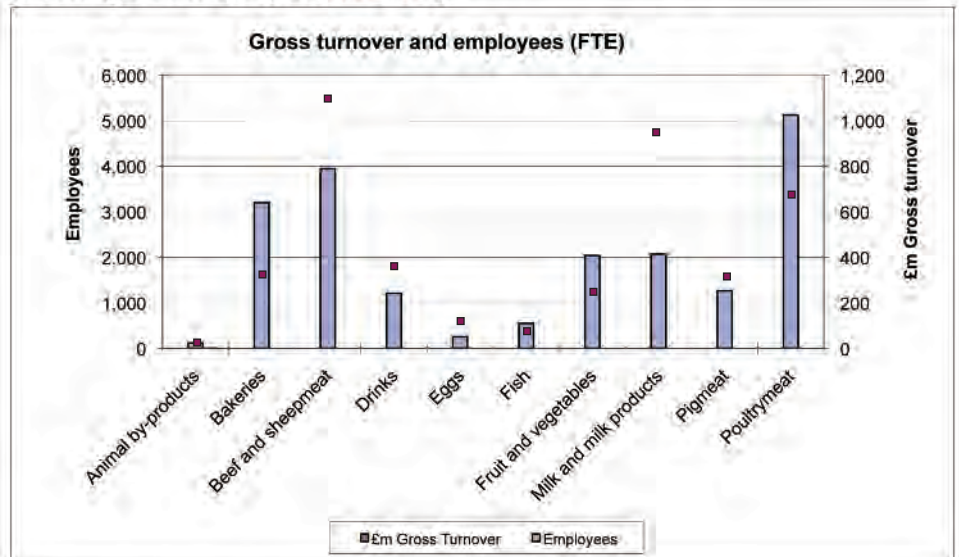


Figure 4 - Proportion of gross turnover by subsector, NI (Provisional 2012)

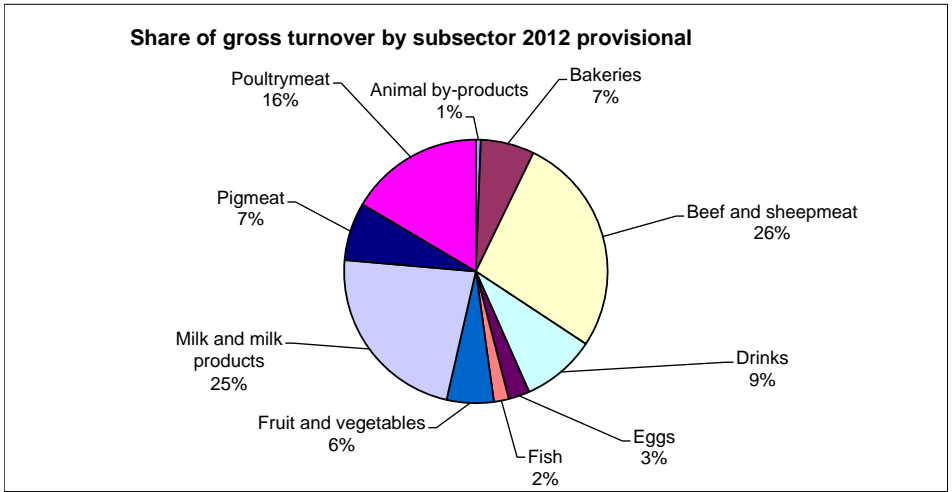


Figure 5 - Proportion of employee jobs by industry section, December 2013

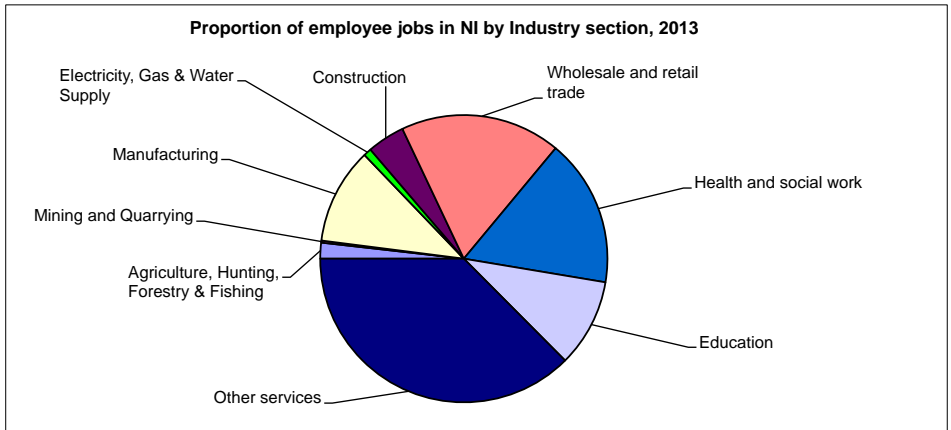


Table 7: Total income from farming, NI and UK, 2013

	NI	UK
Total income from farming (£)	£298m	£5,464m
% change on previous year :		
Current prices	34%	15%
Real terms	31%	13%

Source: Aggregate Agricultural Account.

Note: For an explanation of the change in TIFF in NI and UK see Chapter 1 of the Statistical Review of NI Agriculture 2013 and Chapter 3 of Agriculture in the UK 2013.

Table 8: Average income¹ by type of farm, NI, 2011/12 and 2012/13

Type of farm:	Net farm income ²		Farm Business Income ³		Cash income ⁴	
	2011/12	2012/13	2011/12	2012/13	2011/12	2012/13
Cereals	26,866	31,107	34,558	38,181	70,721	69,599
Dairy	52,418	24,461	56,333	27,928	81,300	56,385
Cattle & sheep (LFA)	13,116	5,612	20,726	12,931	27,959	24,941
Cattle & sheep (Lowland)	13,006	4,551	19,448	11,491	28,360	22,504
Mixed	28,202	25,992	46,581	43,992	61,037	66,888

Source: Farm Business Survey in Northern Ireland 2011/12 and 2012/13

1. Based on information gathered from farms over 0.5 Standard Labour Requirements

2. The calculation of net farm income assumes that all farms are tenanted: net farm income therefore represents the return to the principal farmer and spouse for their manual and managerial labour and on the tenant-style capital of the business.

3. Farm Business income is the return to all unpaid labour and to their capital invested (inc land and buildings) in the business

4. Cash income is the difference between total receipts and total expenditure.

Note: Farm typing methodology has changed from 2011 and is now based on Standard Outputs. Further information can be found in the farm income publication. www.dardni.gov.uk/statistical-reports

Table 9: Net farm Income, Farm Business Income and Cash Income for dairy, LFA cattle & sheep, and mixed farms throughout the UK, 2011/12 and 2012/13

	Dairy		LFA Cattle & Sheep		Mixed	
	2011/12	2012/13	2011/12	2012/13	2011/12	2012/13
Net farm income						
England	69,759	34,494	21,339	11,202	58,836	21,595
Wales	55,659	32,536	24,046	11,322	-	-
Scotland	75,821	40,009	31,687	14,599	37,657	22,649
NI	52,418	24,461	13,116	5,612	28,202	25,992
Farm Business Income						
England	86,568	51,194	29,205	19,700	74,078	38,104
Wales	67,755	45,093	34,689	22,675	-	-
Scotland	82,087	45,316	39,221	20,449	49,030	34,702
NI	56,333	27,928	20,726	12,931	46,581	43,992
Cash income						
England	105,689	87,303	34,417	29,889	81,550	63,117
Wales	85,783	65,732	41,686	32,355	-	-
Scotland	96,526	69,245	46,102	35,861	64,128	56,208
NI	81,300	56,385	27,959	24,941	61,037	66,888

Source: Farm Business Survey in Northern Ireland 2011/12 and 2012/13

Note: Scotland now define farm types using Standard Output Methodology. The other regions also define farm types using Standard Output Methodology.

Note: England changed weighting methodology affecting 2011/12 figures

Table 10: Number of farms in the UK by size & country - June 2013

	Business size (SLR) ¹				Total
	Very small	Small	Medium	Large / Very Large	
Farms					
NI	18,719	3,063	1,187	1,534	24,503
England ²	64,556	16,239	8,569	16,085	105,449
Scotland	42,633	3,561	2,058	4,464	52,716
Wales ³	26,026	3,501	2,083	3,435	35,045
Total	151,934	26,364	13,897	25,518	217,713

1. Standard Labour Requirements

2. 2010 figures which relate to commercial holdings only as defined by EU regulation.

3. Excludes holdings with a SLR of zero

Table 11: Percentage distribution of farms in the UK by size & country - June 2013

	Business size (SLR)				Total
	Very small	Small	Medium	Large / Very Large	
Farms (%)					
NI	76	13	5	6	100
England	61	15	8	15	100
Scotland	81	7	4	8	100
Wales	74	10	6	10	100
Total	70	12	6	12	100

Table 12: Number of farms in NI by size and type - June 2013

Business type	Business size (SLR)					All sizes
	Very small	Small	Medium	Large		
Cereals	235	47	10	8		300
General cropping	390	41	29	48		508
Horticulture	133	54	33	91		311
Pigs	49	34	30	64		177
Poultry	244	204	74	80		602
Dairy	361	808	576	939		2,684
Cattle and sheep (LFA)	12,680	1,185	230	138		14,233
Cattle and sheep (Lowland)	3,880	526	127	62		4,595
Mixed	345	96	49	84		574
Others	402	68	29	20		519
All types	18,719	3,063	1,187	1,534		24,503

Source: June 2013 Agricultural Survey

Note: Farm Business type methodology has changed from 2011 and is now based on Standard Outputs. Further information can be found in the Census publication. www.dardni.gov.uk/statistical-reports

Table 13: Crop areas and livestock numbers, NI, 1993, 2003 and 2011 - 2013

	1993	2003	2011	2012	2013
Livestock ('000 head)					
Cattle					
Dairy cows	269.3	290.1	282.5	285.4	279.5
Beef cows	308.0	295.4	269.5	279.2	270.1
Total cattle	1,685.0	1,685.3	1,590.5	1,625.4	1,587.8
Sheep					
Breeding ewes	1,408.6	1,105.6	895.2	937.5	921.4
Total sheep	2,910.4	2,241.1	1,887.6	1,968.9	1,903.5
Pigs					
Female Breeding pigs	72.3	42.9	38.0	38.3	42.5
Total pigs	690.7	433.7	425.3	426.9	480.3
Poultry					
Laying flock	3,232.1	2,203.2	2,429.7	2,556.7	2,438.4
Broilers	8,062.7	12,811.4	14,069.4	13,459.4	13,412.0
Crops ('000 hectares)					
Cereals	48.5	37.8	37.9	37.1	35.9
Potatoes	9.2	6.0	4.8	4.2	4.3
Horticultural crops	3.3	3.2	3.0	2.9	3.0

Source: June Agricultural Survey

Notes: From 2005 onwards, cattle figures were derived from APHIS

From 2007 onwards, poultry figures were taken from the Northern Ireland Bird Register Update.

From 2013 onwards, pig figures derived from the Northern Ireland Annual Inventory of Pigs.

Figure 6 - Trend in dairy and beef cow numbers, NI, 1998 - 2013

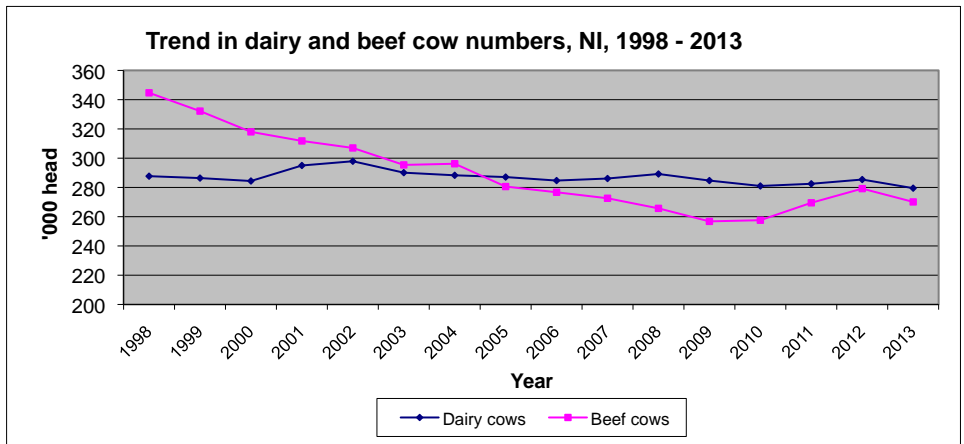


Table 14: Average size of enterprise, NI, 1993, 2003 and 2011 - 2013

	1993	2003	2011	2012	2013
Average livestock numbers (per herd/flock)					
Dairy cows	43	61	80	81	82
Beef cows	16	19	18	18	18
Total cattle	58	69	78	80	79
Ewes	111	126	106	109	106
Total sheep	221	252	218	224	215
Sows	26	91	90	91	129
Total pigs	232	794	750	781	1149
Total poultry (farms with more than 500 birds)	22,608	29,491	28,928	28,207	27,826
Average cropping areas (ha)					
Cereals	9	11	13	14	14
Potatoes	4	6	7	7	8

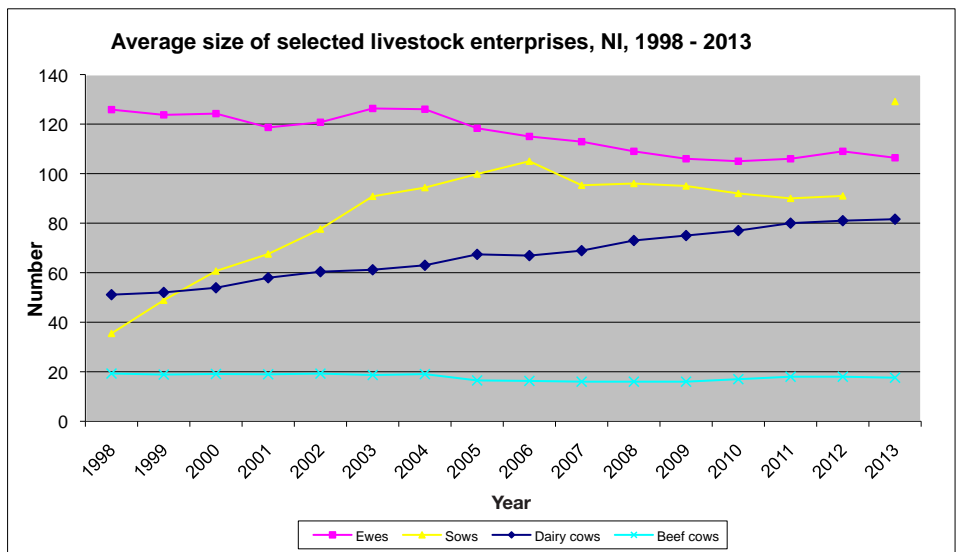
Source: June Agricultural Survey

Notes: From 2005 onwards, cattle figures were derived from APHIS

From 2007 onwards, poultry figures were taken from the Northern Ireland Bird Register Update.

From 2013 onwards, pig figures derived from the Northern Ireland Annual Inventory of Pigs.

Figure 7 - Average size of selected livestock enterprises, NI, 1998 - 2013



Note: From 2013 onwards, pig figures derived from the Northern Ireland Annual Inventory of Pigs.

Table 15: Number of farmers and workers, NI, 1993, 2003 and 2011 - 2013

	1993	2003	2011	2012	2013
Farmers, partners & directors:					
Full-time	24,763	19,265	15,823	15,886	16,235
Part-time	15,314	14,728	13,320	13,171	12,798
Total	40,077	33,993	29,143	29,057	29,033
Spouses	6,548	6,428	6,263	6,293	6,391
Other workers					
Full-time	3,933	2,794	3,249	3,422	3,464
Part-time	3,400	2,848	3,436	3,754	4,009
Casual/Seasonal	9,034	8,423	4,757	4,938	4,899
Total other workers	16,367	14,065	11,442	12,114	12,372
Total agricultural labour force	62,992	54,486	46,848	47,464	47,796

Source: June Agricultural Survey

Figure 8 - Full - time labour on NI farms, 1993, 2003 and 2011 - 2013

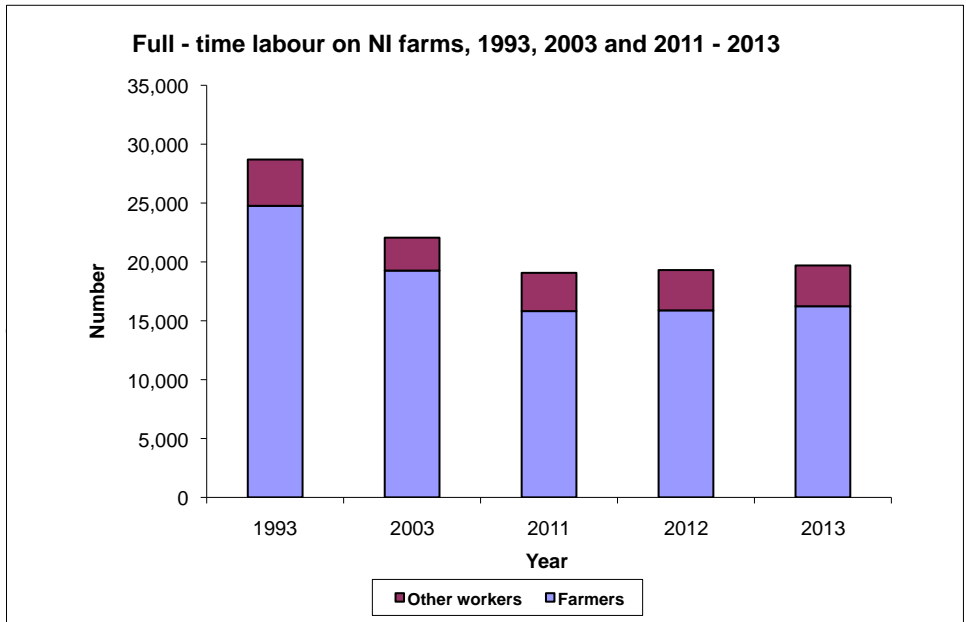


Table 16: Liveweight and estimated value of recorded landings of fish into NI, 2010 - 2013

	2010		2011		2012		2013	
	Tonnes	£ ('000)	Tonnes	£ ('000)	Tonnes	£ ('000)	Tonnes	£ ('000)
Total wet fish	9,572	5,881	8,663	6,472	10,683	8,259	9,348	5,603
Total shell fish	11,776	14,704	11,950	19,593	12,974	23,550	11,801	18,975
Total fish	21,348	20,585	20,613	26,065	23,657	31,809	21,149	24,578

Source: Fisheries Division, DARD

Figure 9 - Estimated value of recorded landings of fish into NI, 2004 - 2013

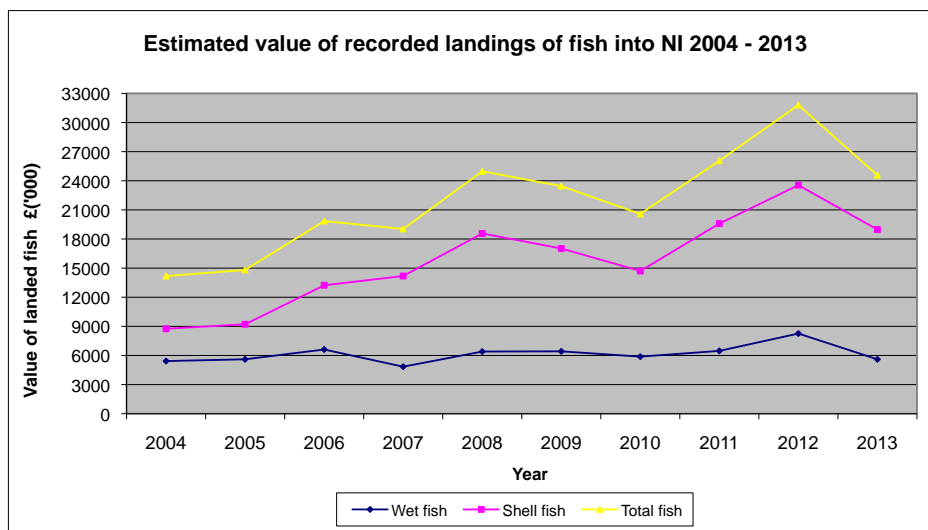


Table 17: Employment in NI fishing industry, 2010 - 2013

	2010		2011		2012		2013	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Catching	535	113	578	110	654	154	675	139
Processing and marketing	404	121	412	127	445	163	460	170
Others	110	41	110	30	108	32	110	37
Total	1,049	275	1,100	267	1,207	349	1,245	346

Source: Fisheries Division, DARD

Table 18: Area of woodland throughout the UK by forest type, 2013

	Conifers ('000 HA)	Broadleaves ('000 HA)	Total ('000 HA)	% of Total Land Area in Forestry
United Kingdom	1,619	1,508	3,127	12.9%
England	335	965	1,300	10.0%
Scotland	1,066	344	1,410	18.1%
Wales	152	154	305	14.7%
Northern Ireland	66	45	111	8.2%

Source: Forestry Commission

Table 19: Number of farms using agricultural contractors in 2010

	Very Small	Small	Med/Large	All
Hay/Silage Making	7,117	6,543	3,127	16,787
Crop Harvesting	380	761	791	1,932
Spreading slurry/fertilisers etc	3,549	4,368	2,340	10,257
Other field work	1,082	1,461	1,070	3,613
Milking	5	58	380	443
Sheep shearing	1,481	1,852	544	3,877
Other livestock work	415	508	255	1,178
Hedge cutting	5,725	5,494	2,686	13,905

Source: EU Farm Structure Survey 2010, NI

Table 20: Percentage of farms using agricultural contractors by business size in 2010

	Very Small	Small	Med/Large	All
Hay/Silage Making	60	76	78	69
Crop Harvesting	3	9	20	8
Spreading slurry/fertilisers etc	30	51	59	42
Other field work	9	17	27	15
Milking	0	1	10	2
Sheep shearing	12	22	14	16
Other livestock work	3	6	6	5
Hedge cutting	48	64	67	57

Source: EU Farm Structure Survey 2010, NI

Table 21: Number of farms using agricultural contractors from 2003-2010

	2003	2005	2007	2010
Hay/Silage Making	19,028	18,849	18,015	16,787
Crop Harvesting	2,398	2,300	1,979	1,932
Spreading slurry/fertilisers etc	11,623	11,004	10,500	10,257
Other field work	4,228	3,953	3,749	3,613
Milking	635	653	599	443
Sheep shearing	4,679	4,551	4,432	3,877
Other livestock work	1,701	1,554	1,474	1,178
Hedge cutting	14,874	14,840	14,705	13,905

Source: EU Farm Structure Survey 2010, NI

Further information

1. Northern Ireland

Department of Agriculture and Rural Development (DARD), www.dardni.gov.uk or DARD library

www.dardni.gov.uk/statistics

Agricultural Census in N.I. 2013 publication (ISBN no. 978-1-84807-454-5)

Statistical Review of N.I. Agriculture 2013 publication (ISBN no. 978-1-84807-452-1)

Size and performance of the N.I. Food and Drinks Processing Sector publication 2011 (ISBN no. 978-1-84807-390-6)

EU Farm Structure Survey 2010 (ISBN no. 978-1-84807-212-1)

Farm Incomes in N.I. publication

Food consumption and expenditure information

Fisheries statistics

Forestry statistics

2. United Kingdom

Department of Environment, Food and Rural Affairs (DEFRA), www.gov.uk/defra
www.gov.uk/government/collections/agriculture-in-the-united-kingdom

UK National Statistics Publication Hub
www.statistics.gov.uk

3. Republic of Ireland

Department of Agriculture, Food and the Marine, www.agriculture.gov.ie
www.agriculture.gov.ie/media/migration/publications/2014/2014APRILFACTSHEET010514.pdf

Central statistics office Ireland, www.cso.ie
www.cso.ie/en/statistics/agricultureandfishing/

Official Statistics Ireland, www.statcentral.ie
www.statcentral.ie/viewstats.asp?type=Agriculture%20and%20Fishing

4. European Union

Eurostat, epp.eurostat.ec.europa.eu
www.epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/introduction

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