

Agriculture and Rural Development

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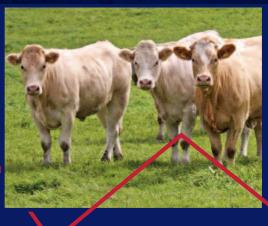
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POLICY AND ECONOMICS DIVISION

Northern Ireland Agri-Food Sector

Key Statistics June 2012

Agriculture, Fishing & Forestry



Northern Ireland Agri-Food Sector Key Statistics June 2012

Key Facts on Agriculture, Fishing, and Forestry

Prepared by: Conor McCormack Policy and Economics Division DARD

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Table 1: General economic data

	NI	Scotland	Wales	England	UK	EU 27
GVA per head (£, 2010)	15,651	20,220	15,145	20,974	20,476	N/A
Population ('000, 2009)	1,789	5,194	2,999	51,810	61,792	499,795
Area (sq. km, 2009)	13,576	77,925	20,732	130,281	242,514	4,454,237
Population Density (per sq. km, 2009)	132	67	145	398	255	112
Bank Base interest rate (%, June 2012)					0.5	
RPI (% change, April 2011 - April 2012)					3.5	
Unemployment rate (%, Quarter 1 2012)	6.7	8.2	9.0	8.3	8.2	10.2

Unemployment rates are seasonally adjusted and taken from the Labour Force Survey (LFS). EU27 figure from Eurostat, Feb. 2012 GVA - Gross Value Added (at basic prices)

RPI - Retail Price Index

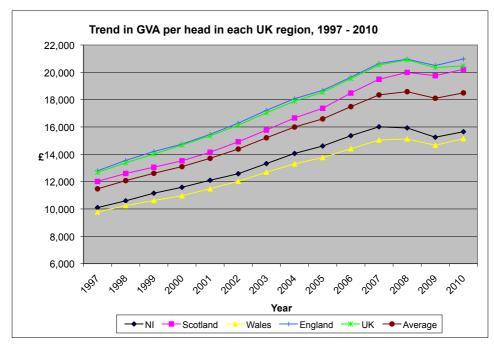


Figure 1 - Trend in GVA per head in each UK region, 1997 - 2010

Note: GVA is in basic prices

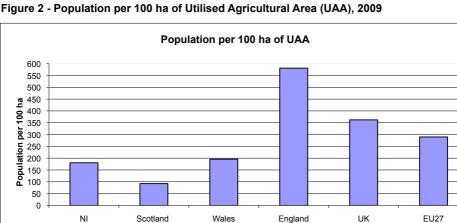


Table 2: Agriculture: general data, 2011

	NI	Scot	Wales	Eng	UK	ROI	EU27
Share of total GVA (%)	1.6	0.7 1	0.5 ¹	0.5 ¹	0.6 1	2.5 ¹	1.7 ¹
No. employed in agriculture							
forestry & fishing ('000)	25	41	35	271	371	80 ³	N/A
Share of employment (%)	3.1	1.6	2.6	1.1	1.3	4.5 ³	N/A
Number of farms ('000)	24	53	41	105 ^⁴	223	140 ¹	13,449 ²
Average farm size (Ha)	41	118	37	85	77	33 ¹	13 ²
LFA (% Agricultural area)	70	86	80	17	48	75 ²	N/A

Country / Area

1. 2010, 2. 2007

3. CSO Quarterly National Household Survey, 4th quarter, 2011

4. Relates to commercial holdings only as defined by EU regulation.

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, 2012)

Table 3: Agriculture in NI: structural adjustment, 1991, 2001 and 2009-2011

	1991	2001	2009	2010	2011
Number of farms	34,781	29,818	25,264	24,471	24,436
Average farm size (Ha)	31.2	35.8	39.9	40.6	40.6
Total farmers and workers	59,812	56,362	48,031	46,948	46,848

Table 4: Agri - food sector GVA and employment, 2011

	Ν		Uł	<
Gross value added ¹	£m	% of GVA	£m	% of GVA
Agriculture Food and drink processing	437 686 ²	1.6 2.4 ²	8,845 21,158 ³	0.6 1.7 ³
Employment	'000 persons	% of total employment	'000 persons	% of total employment
Agriculture, forestry and fishing	25 ⁴	3.1 4	371 5	1.3 ⁵
Food and drink processing	27 4	3.4 4	388 5	1.3 ⁵

1. GVA figures are at basic prices

2. DARD Size and Performance of the NI Food and Drinks Processing Sector, Subsector Statistics, 2010 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 2009 figures

4. % of total LFS employment (802,000 in NI at Q1, 2012)

5. % of total LFS employment (29,147,000 in UK at Q1 2012).

6. Incudes SIC 2007 10.11 - 11.07

Table 5: NI food and drink processing sector - gross turnover, value added, employment by subsector, external and export sales, (Provisional 2010)

Subsector	Gross turnover	Value added	Employees ¹	External ² Sales	Export Sales ³
	£m	£m		£m	£m
Animal by-products	21	8	114	19	4
Bakeries	274	92	3,473	110	65
Beef and sheepmeat	940	123	3,540	761	197
Drinks	371	77	1,163	219	186
Eggs	75	13	215	45	11
Fish	71	15	546	54	28
Fruit and vegetables	196	55	1,770	114	38
Milk and milk products	851	107	2,277	604	343
Pigmeat	253	40	1,378	151	48
Poultrymeat	629	145	5,211	506	126
Total	3,680	676	19,685	2,584	1,047

1. Full - time equivalents

2. Sales outside NI.

3. Sales outside UK.

Source: DARD Size and Performance of the Northern Ireland Food and Drinks Processing Sector, Subsector Statistics, 2010 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 2010 have been estimated by adjusting the 2009 baseline largely on the basis of information available within DARD. Provisional estimates for 2010 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 October 2012.

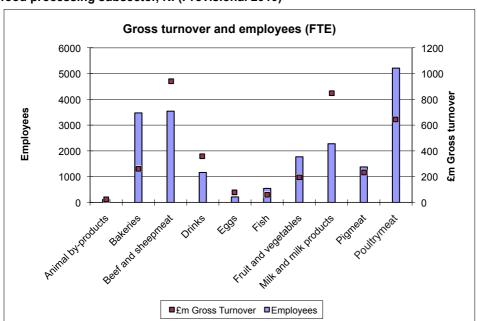
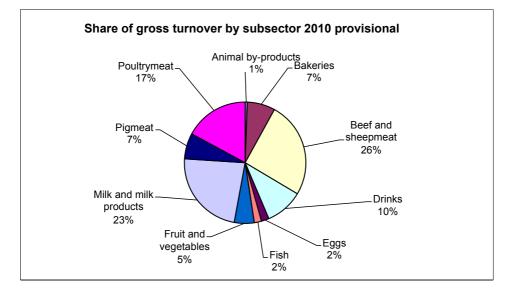


Figure 3 - Gross turnover and full time equivalent (FTE) workforce by food processing subsector, NI (Provisional 2010)

Figure 4 - Proportion of gross turnover by subsector, NI (Provisional 2010)



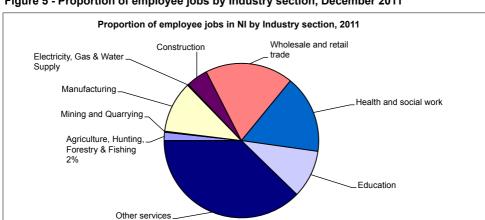


Figure 5 - Proportion of employee jobs by Industry section, December 2011

Table 6: Distribution of farm outputs in NI and share of UK totals, 2011

		% of NI tota	al	NI output as % of UK output
	Gross output	Gross Margin	On farm employment	
Enterprise	%	%	%	%
Dairy	31.8	54.3	21	14.5
Cattle	22.0	15.7	52	14.5
Sheep & wool	3.4	2.4	14	4.9
Pigs	6.1	2.5	} 4	9.7
Poultry & eggs	17.3	8.0	۴ ٦	12.0
Cereals & oilseed rape	3.3	5.7	٦	1.0
Potatoes	1.4	2.3	9	3.3
Horticulture	3.2	5.1	ſ	1.9
Others	11.6	3.9	J	5.4
Total	100.0	100.0	100	7.2

Source: Aggregate Agricultural Account. Employment data from June 2011 Agricultural Survey.

Table 7: Total income from farming, NI and UK, 2011

	NI	UK
Total income from farming (£) % change on previous year :	£308m	£5,693m
Current prices	21%	31%
Real terms	15%	25%

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 2011.

Table 8: Average income¹ by type of farm, NI, 2009/10 and 2010/11

	Net farm income ²		Farm Busines	s Income ³	Cash income ^₄	
	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11
Type of farm:						
Cereals	1,446	27,992	10,105	35,942	29,413	63,337
Dairy	13,834	48,808	17,847	51,555	41,221	77,682
Cattle & sheep (LFA)	13,700	10,709	22,992	19,257	31,522	27,102
Cattle & sheep (Lowland)	8,779	-359	18,660	9,354	26,192	17,529
Mixed	17,818	28,497	33,675	43,925	51,977	61,064

Source: Farm Business Survey in Northern Ireland 2009/10 and 2010/11

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/index/publications/pubs-dard-statistics/farm-incomes-in-nireland-2010-2011.htm

	Dai	iry	LFA Cattle	e &Sheep	Mix	ed
	2009/10	2010/11	2009/10	2010/11	2009/10	2010/11
Net farm income						
England Wales	43,100 37,500	49,600 44,700	17,900 25,300	13,300 16,400	19,300	37,400
Scotland NI	42,803 13,834	59,591 48,808	32,341 13,700	34,359 10,709	24,978 17,818	34,238 28,497
Farm Business Income						
England Wales	59,000 49,700	66,000 57,100	26,000 34,500	21,500 27,100	33,000	51,000 -
Scotland NI	58,853 17,847	73,632 51,555	44,544 22,992	42,942 19,257	39,678 33,675	47,812 43,925
Cash income						
England Wales	78,300 63,200	91,300 72,600	32,500 40,300	31,300 35,300	56,800	68,800
Scotland NI	63,937 41,221	76,821 77,682	53,136 31,522	47,327 27,102	51,158 51,977	55,388 61,064

Table 9: Net farm Income, Farm Business Income and Cash Income for dairy, LFA cattle & sheep, and mixed farms throughout the UK, 2009/10 and 2010/11

Source: Farm Business Survey 2009/10 and 2010/11

Note: Scotland income figures typed using Standard Gross Margin co-efficients. Other regions typed using Standard Outputs.

	Business size (SLR) ¹					
	Very small	Small	Medium	Large / Very Large	Total	
Farms						
NI	18,563	3,094	1,261	1,518	24,436	
England ²	64,556	16,239	8,569	16,085	105,449	
Scotland	42,631	3,405	2,090	4,417	52,543	
Wales	32,131	3,473	2,075	3,221	40,900	
Total	157,881	26,211	13,995	25,241	223,328	

1. Standard Labour Requirements

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

Table 11: Percentage distribution of farms in the UK by size & country - June 2011

	Business size (SLR)						
	Very small	Small	Medium	Large / Very Large	Total		
Farms (%)							
NI	76	13	5	6	100		
England	61	15	8	15	100		
Scotland	81	6	4	8	100		
Wales	79	8	5	8	100		
Total	71	12	6	11	100		

Table 12: Number of farms in NI by size and type - June 2011

Business type		Business	size (SLR)		
	Very small	Small	Medium	Large	All sizes
Cereals	252	41	9	8	310
General cropping	190	44	30	54	318
Horticulture	112	55	30	95	292
Pigs	63	33	31	57	184
Poultry	271	204	76	62	613
Dairy	370	826	622	935	2,753
Cattle and sheep (LFA)	12,682	1,203	248	126	14,259
Cattle and sheep (Lowland)	3,825	509	125	70	4,529
Mixed	401	110	59	93	663
Others	397	69	31	18	515
All types	18,563	3,094	1,261	1,518	24,436

Source: June 2011 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/index/dard-statistics/statistical-reports/agricultural-census.htm

	1991	2001	2009	2010	2011
Livestock ('000 head)					
Cattle					
Dairy cows Beef cows Total cattle	274.1 285.5 1,655.7	295.0 311.8 1,679.1	284.7 256.8 1,599.0	281.0 257.6 1,604.4	282.5 269.5 1,590.5
Sheep					
Breeding ewes Total sheep	1,395.8 2,889.4	1,232.3 2,525.6	892.4 1,896.7	875.9 1,847.7	895.2 1,887.6
Pigs					
Female Breeding pigs Total pigs	71.5 684.2	40.6 385.6	38.2 433.5	38.5 424.6	38.0 425.3
Poultry					
Laying flock Broilers	2,859.7 6,747.8	2,142.6 8,863.6	2,315.7 11,418.3	2,099.4 11,915.1	2,429.7 14,069.4
Crops ('000 hectares)					
Cereals Potatoes Horticultural crops	46.9 10.9 3.4	39.5 6.7 3.1	39.2 5.1 3.0	37.8 4.9 2.9	37.9 4.8 3.0

Table 13: Crop areas and livestock numbers, NI, 1991, 2001 and 2009 - 2011

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.

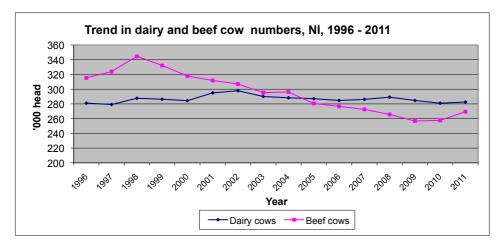


Figure 6 - Trend in dairy and beef cow numbers, NI, 1996 - 2011

	1991	2001	2009	2010	2011
Average livestock numbers (per herd/flock)					
Dairy cows Beef cows	41 15	58 19	75 16	77 17	80 18
Total cattle	55	67	75	79	78
Ewes Total sheep	109 215	119 240	106 220	105 216	106 218
Sows Total pigs	23 205	68 568	95 843	92 757	90 750
Total poultry (farms with more than 500 birds)	20,529	23,931	29,256	29,829	28,928
Average cropping areas (ha)					
Cereals	8	10	13	13	13
Potatoes	4	6	8	7	7

Table 14: Average size of enterprise, NI, 1991, 2001 and 2009 - 2011

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.

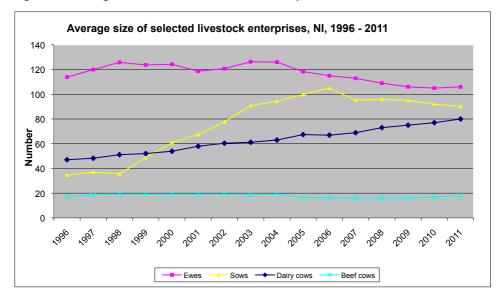


Figure 7 - Average size of selected livestock enterprises, NI, 1996 - 2011

	1991	2001	2009	2010	2011
Farmers, partners & directors:					
Full-time	26,030	20,169	16,437	15,965	15,823
Part-time	16,057	15,786	13,830	13,596	13,320
Total	42,087	35,955	30,267	29,561	29,143
Spouses	5,160	6,520	6,221	6,206	6,263
Other workers					
Full-time	4,895	2,797	3,106	3,109	3,249
Part-time	3,454	2,691	3,220	3,187	3,436
Casual/Seasonal	8,000	8,308	5,217	4,885	4,757
Total other workers	16,349	13,796	11,543	11,181	11,442
Total agricultural labour force	63,596	56,271	48,031	46,948	46,848

Table 15: Number of farmers and workers, NI, 1991, 2001 and 2009 - 2011

Source: June Agricultural Survey

Figure 8 - Full - time labour on NI farms, 1991, 2001 and 2009 - 2011

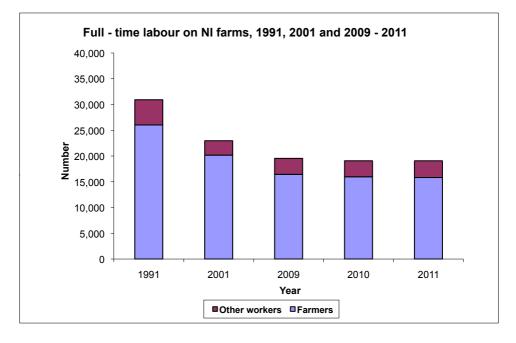


Table 16: Liveweight and estimated value of recorded landings of fish into NI, 2008 - 2011

	2008		200	2009		2010		2011	
	Tonnes	£ ('000)							
Total wet fish	10,103	6,404	10,406	6,426	9,572	5,881	8,663	6,472	
Total shell fish	10,844	18,569	9,758	17,025	11,776	14,704	11,950	19,593	
Total fish	20,947	24,973	20,164	23,451	21,348	20,585	20,613	26,065	

Source: Fisheries Division, DARD



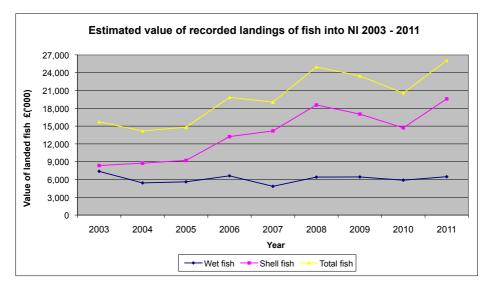


Table 17: Employment in NI fishing industry, 2008 - 2011

	2008		20	2009		2010		11
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Catching	532	93	541	113	535	113	578	110
Processing and marketing	515	172	485	157	404	121	412	127
Others	102	14	166	39	110	41	110	30
Total	1,149	279	1,192	309	1,049	275	1,100	267

Source: Fisheries Division, DARD

Table 18: Area of woodland throughout the U.K. by forest type, 2011

	Conifers ('000 HA)	Broadleaves ('000 HA)	Total ('000 HA)	% of total farmed area in forestry ¹
United Kingdom	1,724	1,355	3,078	18.0%
England	411	886	1,297	14.5%
Scotland	1,081	309	1,390	24.7%
Wales	167	137	304	19.8%
Northern Ireland	66	22	88	8.9%

Source: Forestry Commission

1 Total land area used in calculation equals area farmed from June Survey, 2011

	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

Table 19: Number of farms using agricultural contractors in 2010

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
	00		70	
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 http://www.dardni.gov.uk/index/dard-statistics/ Agricultural Census in N.I. 2011 publication (ISBN no. 978-1-84807-284-8) Statistical Review of N.I. Agriculture 2011 publication (ISBN no. 978-1-84807-273-2) Size and performance of the N.I. Food and Drinks Processing Sector publication 2009 (ISBN no. 978-1-84807-238-1) 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.defra.gov.uk http://www.defra.gov.uk/statistics/foodfarm/cross-cutting/auk/

UK National Statistics Publication Hub http://www.statistics.gov.uk

3. Republic of Ireland

Department of Agriculture, Food and the Marine, www.agriculture.gov.ie http://www.agriculture.gov.ie/media/migration/publications/2012/FactsheetonIrishAgricultureApr12.pdf

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

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

4. European Union

Eurostat, epp.eurostat.ec.europa.eu http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/introduction Policy and Economics Division Department of Agriculture and Rural Development Dundonald House Upper Newtownards Road Ballymiscaw BELFAST BT4 3SB

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