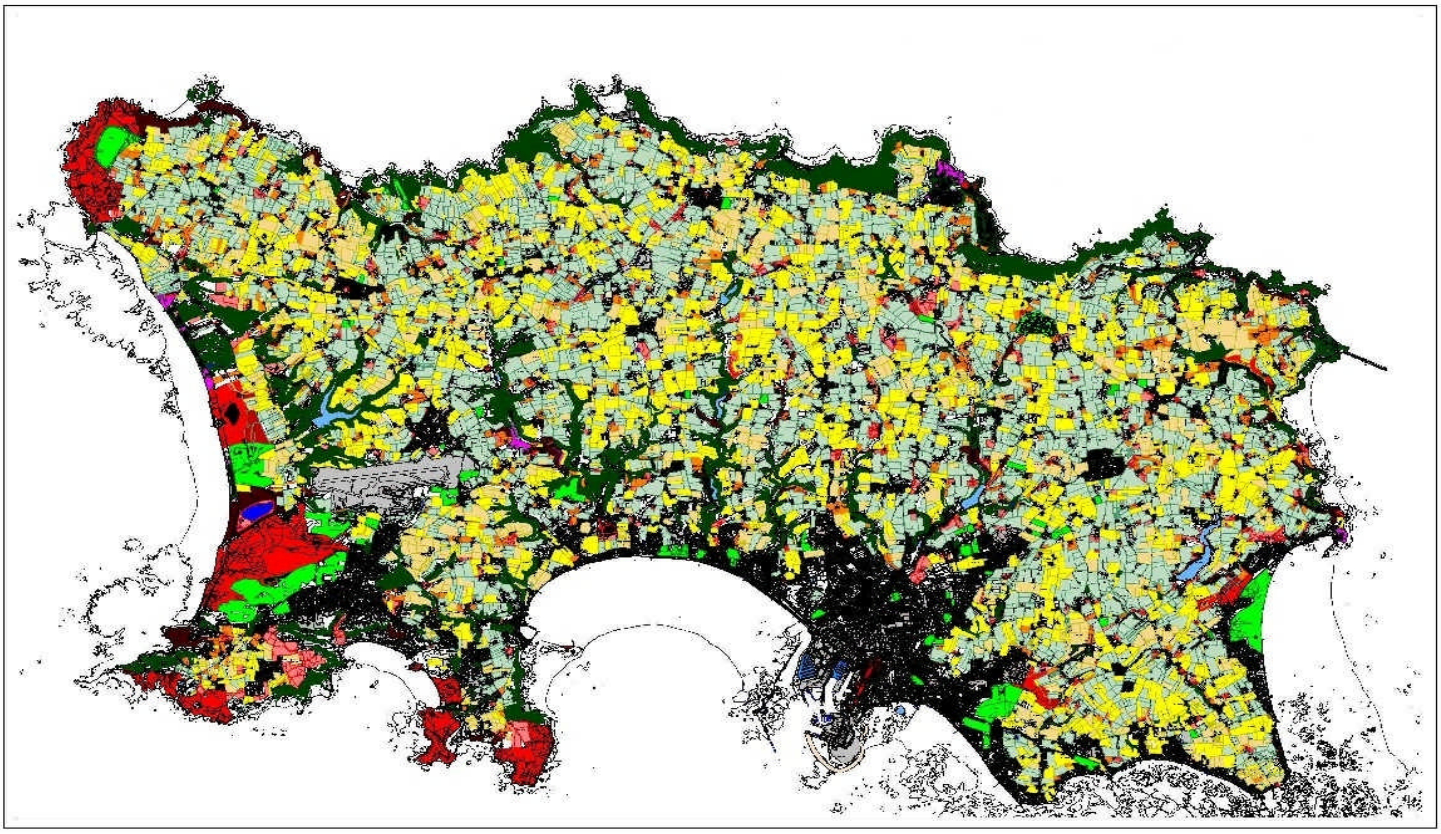
Rural Economy



Agricultural Statistics 2010

Economic Development

States of Jersey

ECONOMIC DEVELOPMENT
AGRICULTURAL STATISTICS FOR 2010

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AGRICULTURAL STATISTICS FOR 2010

Foreword

The agricultural statistics for 2010 again shows an increase in the area of Jersey Royal potatoes to 16,745 vergées, up 5%. Milk production was also up on the previous year at 12,897,000 litres from marginally less milking animals, though cattle numbers are now on the up as a result of the import of international bull semen in 2008 and the implementation of the Dairy Industry Recovery Plan.

Potato production accounted for 91% of agricultural exports recorded in 2010 with a total gross value of £31.5M up from £27.1M the previous year. The demand for land for potato growing has driven up land rentals (range from £40 to in excess of £300/vg) and purchase price of agricultural land (range £4,078 to £27,778! per vergée). These figures have meant that other businesses which were starting to emerge following the introduction of the Rural Economic Strategy 2005 could no longer compete and the diversification has stalled.

It remains to be seen whether this level of potato production is sustainable and the Economic Affairs Scrutiny Rural Economic Strategy sub panel has requested a review into the issue of food security and the production of a strategy and long-term vision for Jersey in consultation with the industry and the public by January 2012.

Connétable Len Norman
Assistant Minister Economic Development

AGRICULTURAL STATISTICS FOR 2010

This document summarises selected information collected from the agricultural returns completed in October 2010 by those who occupy or manage agricultural land of more than one vergée.

Agricultural Structure

Further revisions of the data has been undertaken and large gardens, woodland areas, scrubland etc have been identified and removed from the agricultural land bank in the 2010 data.

Table 1: AGRICULTURAL STRUCTURE (revised table)

Area of Jersey = 64,612 vergées	2006	2007	2008	2009	2010
Land areas					
Owned and farmed	10,054	8,865	9,117	9,107	9,306
Rented	26,470	26,250	26,567	28,029	27,100
Of which:					
Rented or leased from directors/farm	3,486	3,032	3,102	NR[1*]	NR
Other rented land	22,984	23,218	23,465	NR	NR
Total	**36,524**	**35,115**	**35,684**	**37,136**	**36,406**
Land Percentage					
Area of agricultural land (% of Island area)	56.5	54.3	55.2	57.5	56.3
Land Owned (% of agricultural land)	27.5	25.2	25.5	24.5	25.6
Land Rented (% of agricultural land)	72.5	74.8	74.5	75.5	74.4
Number of holdings [2*]					
1 - 10 vergées	375	347	332	307	286
Above 10 < 25 vergées	166	148	127	134	125
Above 25 < 50 vergées	69	61	62	59	62
Above 50 < 75 vergées	25	21	25	25	27
Above 75 < 100 vergées	8	7	8	8	5
Above 100 < 250 vergées	23	25	24	24	26
Above 250 < 500 vergées	19	16	18	15	16
Above 500 < 1000 vergées	10	7	8	11	6
Above 1000 vergées	4	3	3	3	5
Total	**699**	**635**	**607**	**586**	**558**

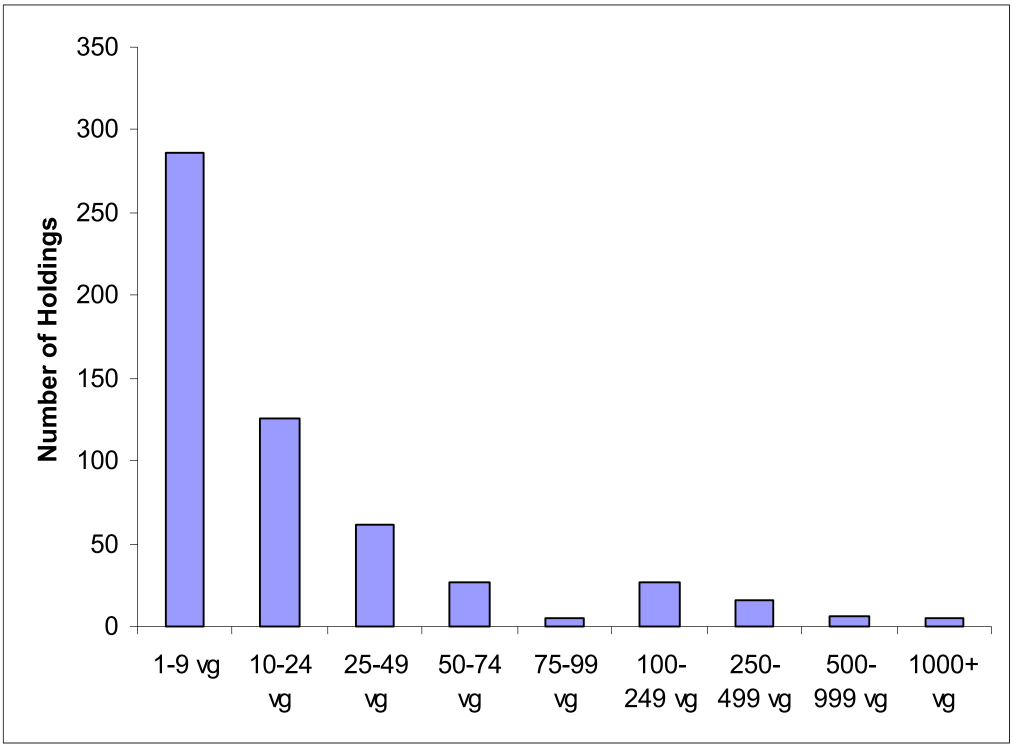
[1*] Not recorded

[2*] NB. A holding does not constitute a working farm but represents a company or individual owning a recognised area of land which is classified as agricultural and to which certain conditions apply.

Table 2: MISCELLANEOUS DATA

Area of Jersey = 64,612 vergées	2006	2007	2008	2009	2010
Average size of holding (vergées)	52	55	59	63	65
Area irrigated (vergées)	856	1,782	313	1,615	1,782
Uncultivated land (vergées)	2,449	2,529	2,317	2,064	2,002
Uncultivated land as a % of agricultural land	6.7	7.2	6.5	5.6	5.5

Chart 1: Number of Holdings* 2010 – Distribution by size



***NB. A holding does not constitute a working farm but represents a company or individual owning a recognised area of land which is classified as agricultural and to which certain conditions apply.**

Number of businesses claiming Single Area Payment (SAP) and Quality Milk Payment (QMP)

A better understanding of the level of commercial agricultural activity can be gauged by examining the number of businesses which claim the SAP and QMP.

Table 3: NUMBER OF HOLDINGS CLAIMING SAP and QMP

	2010	2010
Holding size	**Total Holdings**	**Businesses claiming SAP & QMP**
1 - 10 vergées	286	2
Above 10 < 25 vergées	125	11
Above 25 < 50 vergées	62	15
Above 50 < 75 vergées	27	14
Above 75 < 100 vergées	5	2
Above 100 < 250 vergées	26	27
Above 250 < 500 vergées	16	15
Above 500 < 1000 vergées	6	4
Above 1000 vergées	5	5
Total	**558**	**95**
Total agricultural area (vg)	**36,406**	
Area on which SAP & QMP claimed (vg)		**26,875**
Area subject to SAP & QMP		**73.8 %**

* Agricultural statistics are as at 1st October whereas the SAP areas are based on a calendar year

Single Area Payment

36,406 vergées of land are classified as agricultural however not all tenants or owners of this land claim the Single Area Payment that they were entitled to.

Land eligible for the SAP will include all land used for agricultural activity, including livestock grazing, fields in a recognised arable rotation and fields used by commercial livery stables, provided the land user is either a bona fide agriculturalist or recognised as a smallholder. The SAP will be paid to the person who is responsible for the agricultural management of the land and in most cases this will be the legal tenant. The SAP may exclude certain Countryside Renewal Scheme (CRS) elements where there is no economic production (e.g. buffer zones) as the payment rate for these CRS components includes loss of SAP.

Quality Milk Payment

Dairy farms receive an additional payment which amounted to £180 per cow per in 2010.

Compliance

Receipt of the SAP and QMP will be conditional on the applicants' compliance with basic levels of Good Agricultural and Environmental Practices (e.g. The Water Code, Animal Welfare Codes, etc) and the provision of basic financial data.

Table 4: FARM LABOUR *

Farm Labour	2006	2007	2008	2009	2010
Whole Time	670	678	737	684	714
Part Time	191	138	161	191	210
Seasonal or Casual Workers	835	1,031	920	910	863
TOTAL	**1,696**	**1,847**	**1,818**	**1,785**	**1,787**

* Peak Season

Farm Labour

Full time employees showed an increase of 4% to 714, part time staff increased by 10% though seasonal and casual workers decreased by 5%.

Chart 2: Exports (% value)

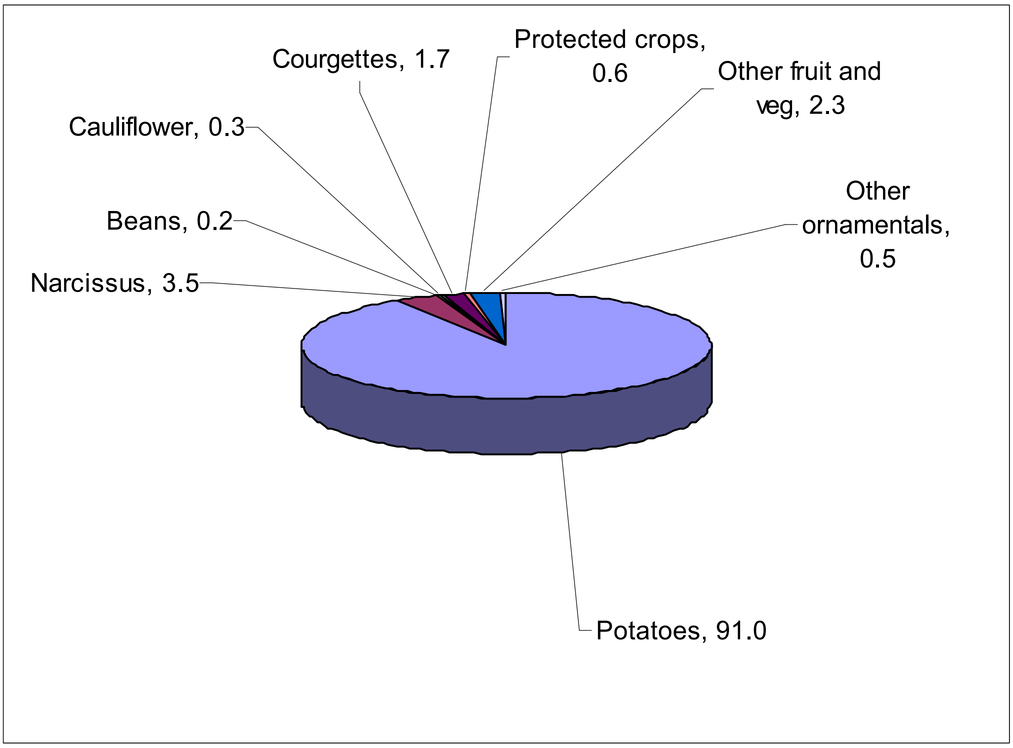


Table 5: VEGETABLE EXPORTS

	2006		2007		2008		2009		2010	
	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)
Beans	73	131,583	65	134,259	77	151,464	74	125,017	44	58,324
Cauliflower	141	69,694	33	30,671	58	88,691	68	108,982	55	96,491
Courgettes	1,105	868,562	735	695,763	715	678,249	1,001	789,511	591	584,106
Potatoes	31,262	23,763,736	32,316	23,327,774	28,706	24,476,056	37,631	27,141,633	30,478	31,449,761
Sweet Pepper	360	525,184	286	432,833	199	310,000	NA*2	NA	NA*2	NA
Tomatoes	3,039	4,431,782	2,941	4,081,372	2,273	3,400,000	NA*2	NA	NA*2	NA
Protected Cropping	NA	NA	NA	NA	NA	NA	349	256,093	238	199,556
Others	364	202,237	608	282,419	641	293,484	408	400,354	780	781,644
Total vegetables	**36,344**	**29,992,778**	**36,984**	**28,985,091**	**32,669**	**29,397,944**	**39,531**	**28,821,590**	**32,186**	**33,169,882**

*1 Not recorded

*2 Not available, included in protected cropping exports

Table 6: FLOWER EXPORTS

	2006		2007		2008		2009		2010	
	Packs	Value (£)	Packs	Value (£)	Packs	Value (£)	Packs	Value (£)	Packs	Value (£)
Alstroemeria	NR	NR	NR	NR	513	12,502	NR	NR	NR	NR
Anemones	NR	NR	NR	NR	NR	NR	NR	NR	111	2,692
Carnation	NR	NR	1,604	31,502	NR	NR	NR	NR	NR	NR
Lilies	4,749	113,201	5,639	137,865	5,061	134,571	2,781	78,218	5,701	160,733
Narcissus Flowers	74,359	701,304	64,097	659,822	56,169	584,773	48,727	685,975	52,593	875,955
Pinks	NR	NR	NR	NR	567	10,401	469	8,410	283	5,785
Others	5,370	97,712	2,442	38,485	70	1,742	236	8,423	NR	NR
Sub total flowers	**84,478**	**912,217**	**73,782**	**867,674**	**62,380**	**743,989**	**52,213**	**781,026**	**58,688**	**1,045,165**

	2006		**2007**		**2008**		**2009**		**2010**	
Narcissus Bulbs (t)	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)	Tonnes	Value (£)
Sub total bulbs	508	228,000	558	275,548	722	500,000	803	402,537	753	340,719
	508	**228,000**	**558**	**275,548**	**722**	**500,000**	**803**	**402,537**	**753**	**340,719**
Total flowers and bulbs										
		1,140,217		**1,143,222**		**1,243,989**		**1,183,563**		**1,385,884**
Total value of all crops										
		31,132,995		**30,128,313**		**30,641,933**		**30,005,153**		**34,555,766**

Outdoor Crops

Potatoes

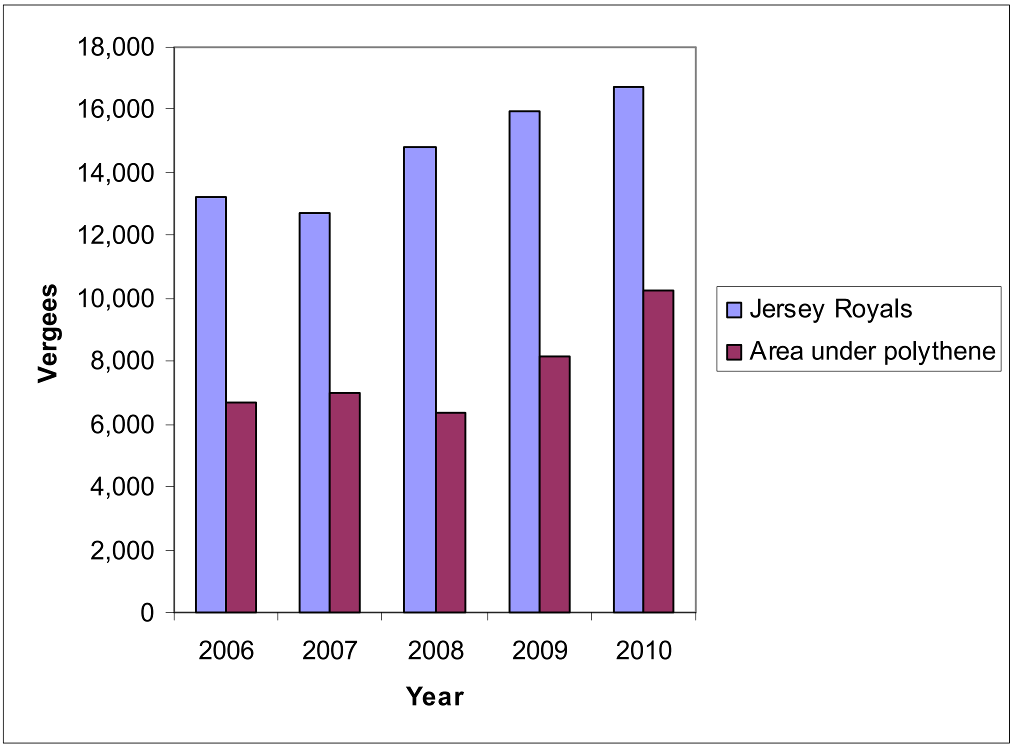
Table 7: POTATO AREAS

Vergées	2006	2007	2008	2009	2010
Potatoes					
Jersey Royals	13,206	12,721	14,845	15,969	16,745
(Jersey Royals under polythene)	(6,661)	(6,985)	(6,344)	(8,143)	(10,240)
Autumn Earlies	383	202	228	508	400
Other potatoes (incl. maincrop)	712	843	1,007	933	925
Total all potatoes	**14,301**	**13,766**	**16,080**	**17,410**	**18,070**

Area
The area of early Jersey Royal potatoes increased by a further 5% in 2010 to 16,745 vergées, though the autumn early crop decreased by 21% to 400 vergées. The area of maincrop potatoes grown, decreased marginally by 1% to 925 vergées.

Production
Exports decreased by 7,153 tonnes, with gross returns increasing by £4.3M. The gross return per tonne increased from £721 to £1,032 per tonne, a rise of 43%.

Chart 3: Area of Jersey Royals covered with polythene



The use of polythene increased from 51% to 61% of the total area grown.

Table 8: OUTDOOR FRUIT AND VEGETABLE CROPS (Vergées)

	2006	2007	2008	2009	2010
Beans	67	49	51	96	47
Brussels Sprouts	64	64	74	76	96
Cabbage	116	106	98	150	226
Calabrese					
Spring Planted	183	158	179	48	169
Autumn Planted	78	86	88	43	59
Carrots	131	139	186	161	146
Cauliflowers					
Summer	46	47	71	NR	NR
Autumn (expected to mature before 31.12)	99	85	117	82[1*]	161
Winter (expected to mature after 31.12)	166	130	114	163	180
Courgettes					
Spring Planted	271	185	207	388[2*]	349
Autumn Planted	227	208	267	NR	NR
Leeks	75	73	86	139	227
Lettuce	172	173	163	187	129
Onions	63	127	55	37	35
Parsley	82	61	41	43	17
Soft and cane fruit (other)	92	75	70	42	39
Spring Greens	54	1	56	NR	NR
Strawberries	67	50	39	38	39
Tomatoes	8	7	9	1	7
Top Fruit	92	90	111	152	161
Other	574	656	603	525	480
Total Outdoor Fruit/Vegetables	**2,727**	**2,570**	**2,685**	**2,371**	**2,567**
Total Outdoor Fruit/Vegetables (including potatoes)	**17,028**	**16,336**	**18,765**	**19,781**	**20,637**
Of which crops grown to a recognised organic standard	494	584	1041	854	768

1* Summer/autumn from 2009
2* Total courgettes from 2009

Vegetables

Beans
Beans declined from 96 vergées to 47 vergées a decrease of 51%.

Cabbage
The area increased by 51% to 226 vergées.

Carrots
There was a 9% fall in area from 161 vergées to 146 vergées.

Cauliflowers
Summer and autumn cauliflowers increased from 82 vergées to 161 vergées a rise of 96%. The winter crop increased in area by 10% to 180 vergées.

Courgettes
Courgettes decreased by 10% from 388 vergées to 349 vergées.

Leeks
Leeks increased in area from 139 vergées to 227 vergées an increase of 63%.

Lettuce
The lettuce area declined from 187 vergées to 129 vergées a decrease of 31%.

Onions
The onion area fell a further 5% to 35 vergées.

Parsley
The area of parsley decreased 60% to 17 vergées.

Fruit Crops

Strawberries
Strawberries remained more or less static with 39 vergées.

Other soft and cane fruit
Other soft and cane fruit decreased from 42 to 39 vergées a fall of 7%.

Top fruit
The top fruit area continues to climb albeit at a slower rate and now stands at 161 vergées up 6%.

Summary
The total area of outdoor fruit and vegetables saw a 4% increase in area from 19,778 vergées to 20,637 vergées. Jersey Royal potatoes increased by 776 vergées, maincrop and other potatoes fell by 8 vergées and other fruit and vegetables fell by 45 vergées. So, again the majority of the change was due to the amount of potatoes grown. The area of fruit and vegetables in organic production fell a further 10% to 768 vergées. Last year, sale of organic products in the UK fell by 5.9%.

Table 9: OUTDOOR FLOWER CROPS (Vergées)

Narcissi	**2006**	**2007**	**2008**	**2009**	**2010**
First Year	353	396	352	324	349*
Second Year	346	168	323	342	355
Over 2 Years	316	268	120	155	79
Total	**1015**	**832**	**795**	**821**	**783***
Anemones	8	8	14	NR	NR
Iris	NR	NR	NR	NR	NR
Pinks	7	8	6	NR	NR
Spray Carnations	NR	NR	2	NR	NR
Other	103	100	65	74	61
Total Outdoor Flowers	**1,133**	**948**	**882**	**895**	**844***

* Revised (Mar 2011)

Flower Crops

*Narcissus

First year plantings were up by 25 vg (8%) to 349 vg, the second year crop area was up 4% to 355 vg and 2 year plus crops down 49% to 79vg. The total area under production was down 5% at 783 vg.

Other

The remaining crops increased by 2% and accounted for 7% of the outdoor flower area.

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Protected Crops

Table 10: GLASSHOUSE AREAS (m^2)

	2006	2007	2008	2009	2010
	m^2	m^2	m^2	m^2	m^2
Glasshouses under 5 years	22,358	16,484	1,300	1,300	1,300
Glasshouses 5 - 10 years	62,479	54,749	56,127	20,925	16,135
Glasshouses 10-15 years	31,398	35,342	47,214	73,011	41,222
Glasshouses over 15 years	276,439	261,275	240,246	235,413	247,931
Total area of glasshouses	**392,674**	**367,850**	**344,887**	**330,649**	**306,588**
Of which:					
Area heated	232,729	233,559	163,351	97,939	120,049
Area not cropped in last 12 months	64,813	47,534	57,303	79,746	82,629
% not cropped of production area	16.5	12.9	16.6	24.1	27.0

Glasshouse Areas

The total glasshouse area fell a further 7% to 306,588 m^2, the area of heated glass increased by 23% and the glass not cropped increased by 2,883 m^2, an increase of 4%.

Table 11: GLASSHOUSE CROPPING (m^2)

	2006	2007	2008	2009	2010
Glasshouse	m^2	m^2	m^2	m^2	m^2
Tomatoes: Planted before 1st February	115,384	116,676	104,174	24,136	19,528
Planted after 1st February	7,614	5,179	6,683	10,758	8,500
Total tomatoes	**122,998**	**121,855**	**110,857**	**34,894**	**28,028**
Beans	10,569	7,167	4,524	7,340	4,538
Cucumber	4,347	7,523	8,725	10,726	8,750
Lettuce	1,765	1,780	NR	NR	NR
Peppers	19,605	18,107	37,137	6,890	11,584
Potatoes: Planted before 1st November	40,398	43,650	13,005	17,471	102,166
Planted after 1st November	38,619	26,844	21,090	25,845	11,475
Strawberries	11,941	11,911	11,145	17,652	16,891
Others	20,294	19,323	20,531	23,550	13,501
Total fruit and vegetables	**147,538**	**136,305**	**116,157**	**109,474**	**168,905**
Sub-Total (Fruit, vegetables & tomatoes)	**270,536**	**258,160**	**227,014**	**144,368**	**196,933**
Ornamentals					
Bedding Plants	104,052	114,171	82,942	94,242	95,094
Carnations - Standard	9,717	7,728	2,680	NR	NR
Carnations - Sprays	7,205	7,260	3,260	NR	NR
Chrysanthemums	685	300	NR	NR	NR
Gypsophila	NR	NR	NR	NR	NR
Iris	2,199	1,250	173	NR	NR
Lilies	2,348	2,883	150	NR	NR
Pot Plants	6,597	4,428	5,057	5,607	11,794
Others	19,949	16,288	22,963	11,290	13,036
Sub-Total (Ornamentals)	**152,752**	**154,308**	**117,225**	**111,139**	**119,924**
Total (Glasshouse production)*	**423,288**	**412,468**	**344,239**	**255,507**	**316,857**

* Includes double cropping

Glasshouse Cropping

Tomatoes
The area of tomatoes planted before the 1st of February fell by 4,608 m^2, 19% and the later planted area by 21% to 8,500 m^2, giving an overall fall in tomato production of 20%.

Potatoes
Potatoes planted before the 1st of November increased by 485% but the later planted crop fell by 56%.

Strawberries
The strawberry area fell by 4%.

Beans
Beans declined by 38% to 4,538 m^2.

Sweet Peppers
The area grown, increased by 68% to 11,584 m^2.

Ornamentals
Other ornamentals increased by 15% to 13,036 vergées.

The overall ornamental production increased by 8,785 m^2 to 119,924 m

Table 12: POLYTHENE TUNNEL AREAS (m^2)

	2006	2007	2008	2009	2010
	m^2	m^2	m^2	m^2	m^2
Area of Multi Span	112,582	119,110	115,416	101,599	106,853
Area of Single Span	105,577	101,981	89,703	84,504	85,029
Total area of polythene tunnels	**218,159**	**221,091**	**205,119**	**186,103**	**191,882**
Of which:					
Area heated	55,872	48,984	52,956	48,108	46,853
Area not cropped in last 12 months	22,506	16,514	8,262	16,243	11,523
% of production area not cropped	10	7	4	9	6

Polythene Tunnel Areas

The total area of polythene tunnels increased slightly, by 3%, to 191,882 m^2. The area of multi-span tunnels increased by 5,254 m^2 and the area of single spans rose by 525 m^2. The non-cropped area fell by 29% to 11,523 m^2.

Table 13: POLYTHENE TUNNEL CROPPING (m^2)

	2006	2007	2008	2009	2010
	m^2	m^2	m^2	m^2	m^2
Vegetables and fruit					
Beans	26,823	14,260	13,639	14,268	7,860
Celery	900	1,099	600	100	3,998
Courgette	896	1,296	1,551	1,496	1,409
Cucumber	3,224	1,118	820	840	1,832
Lettuce	9,402	7,679	4,276	4,721	2,647
Melons	7,320	4,595	NR	NR	NR
Sweet Peppers	7,404	8,829	7,019	6,771	5,405
Potatoes	122,098	146,728	143,758	120,276	143,515
Strawberries	NR	1,711	3,800	200	220
Tomatoes	6,199	8,950	7,054	2,914	4,272
Others	39,363	29,886	26,966	24,839	27,542
Sub-Total (Fruit and Vegetables)	**223,629**	**226,151**	**209,483**	**176,425**	**198,700**
Ornamentals					
Anemones	NR	NR	NR	NR	401
Bedding Plants	16,884	16,197	15,391	14,938	13,019
Carnation - Standards	364	363	NR	NR	NR
Carnation - Sprays	1,895	726	726	NR	NR
Freesias	600	600	2,200	1,180	380
Gypsophila	2,100	2,100	NR	NR	360
Iris	NR	NR	10	NR	360
Lilies	6,093	6,093	11,986	7,690	19,473
Narcissi	3,075	3,275	NR	NR	4,295
Nursery Stock	12,955	9,391	6,893	7,085	6,382
Pot Plants	2,626	2,026	5,470	5,470	5,540
Roses	1,170	1,170	1,170	NR	NR
Others	16,465	11,580	18,856	6,710	6,219
Sub-Total (Ornamentals)	**64,227**	**53,521**	**62,702**	**43,073**	**56,429**
Total (Polythene tunnel production)	**287,856**	**279,672**	**272,185**	**219,498**	**255,129**

Polythene Tunnel Cropping

Potatoes: Potato production increased, by 19% to 143,515 m^2.

Tomatoes: Tomato area increased 47% to 4,272 m^2 from 2,914 m^2.

Beans: Bean area decreased by 45% from 14,268 m^2 to 7,860 m^2

Sweet Peppers: Sweet peppers were down 1,366 m^2 to 5,405 m^2 a decrease of 20%.

Ornamentals: Ornamental production increased by 31% to 56,429 $m^{2.}$

Total production: The overall production increased by 16%.

Protected Organic Sector

8,175 m^2 of organic crops were grown under protection of which 1,180 m^2 were Jersey Royal potatoes.

Livestock

Cattle (including the dairy industry) (Table 14)
In 2009 the Agricultural Statistics showed the cattle population in Jersey at 5,093 (practically unchanged from the previous year) with total cows and heifers in the milking herd at 2,979 total a 2.3% reduction on the previous year. In 2010 total cattle numbers have increased to 5,204 animals (a rise of 2%) however cows and heifers in milk have again fallen to 2,970 a reduction of 9 animals.

Heifers being reared as replacements for the dairy herd between the ages of 12 and 24 months have increased from 933 to 1007 (up 8%) year on year with heifers under 12 months of age having remained static year on year at 906 animals but a rise on 2008 of 14%. This increase in dairy herd replacements would seem to be prompted by the import of international bull semen in 2008 and the implementation of the Dairy Industry Recovery Plan which were respectively expected to stimulate the cattle export trade and increase the need for a higher level of milk production to produce value added milk products for the export trade produced at the new dairy at Howard Davis Farm.

Milk production on dairy farms supplying Jersey Dairy has risen from 12,561,000 litres for the year ending 31st March 2010 to 12,897,000 litres for the year ending 31st March 2011, an increase of 3%. This rise is the second year that total milk output has increased from an historical low in 2008 of 11,799,000 litres with 9% growth over this period, production having fallen by 36% from 2002 to 2008. In 2010 there were 26 dairy farms supplying milk to Jersey Dairy a fall of one on the previous year. In addition there is one independent organic dairy farmer processing milk direct for sale to the public through their own farm shop.

The gross sales value of the milk delivered to Jersey Dairy increased from £10,656,000 (84.8ppl) to £11,138,000 (86.4ppl) a rise in total value of 4.5% and in sales value per litre of 1.9%. This increase in the value of gross sales illustrates the effort Jersey Dairy is putting in to develop a value added export market with growth in both milk intake from dairy farmers and in returns from the market place.

The price paid to conventional producers by Jersey Dairy has risen year on year from 43.2 in 2009/10 to 43.7ppl in 20010/11. The above increase in producer prices by Jersey Dairy was paid in recognition of increases in the price paid by dairy farms for concentrates feeds, fertilisers and land rental charges and in an effort to boost farm profitability.

Herd numbers and size (Table 15)
The average size of registered dairy herds has increased slightly from 106 in 2009 to 110 in 2010 the average milk yield per cow has risen year on year from 4,217 litres in 2009 to 4,342 litres per cow in 2010 a rise of 3% year. The rise in individual milk output per cow is thought to be attributed to better grass quality and availability during the year, higher forage quality in the winter rations fed to the cows and more efficient concentrate feeding to meet the desire for higher milk output. The largest recorded milking herd in Jersey now consists of approximately 285 milking animals.

There are 16 commercial dairy herds with less than 100 cows, accounting for 898 cows or 30% of the Island herd (average herd size 60). There are 10 herds holding over 100 cows containing 2,072 cows or 70% of the Island herd (average herd size 207). The above figures illustrate how the industry is polarised between the smaller one man units and the larger commercial herds.

Other Livestock (Table 16)

Beef

The import of Aberdeen Angus bull semen in 2008 to inseminate the native Jersey cow has stimulated growth in the production of beef animals for the local market. The Aberdeen Angus genetics has produced cross bred animals which have a better feed conversion, carcase quality and meat yield thus reducing the costs of production and increasing sales value when compared to a pure bred Jersey cattle. The first cross bred animals were slaughtered in 2010 at 18 months old with the meat being well received by the local meat trade and customers who support local production.

The economics of local beef production using the Aberdeen Angus sires would now seem to favour future growth in this sector and this is demonstrated by the growth of the number of beef animals registered in the 2010 agricultural statistics. There are 157 beef animals on Jersey farms over the age of 12 months and 295 beef animals under 12 months of age and is set to grow still further and is good news for increased use of the EU approved Jersey abattoir.

Poultry

Egg production from laying hens is the largest poultry sector in Jersey however the number of laying hens had decreased for five years in a row down from 19,120 in 2005 to 15,254 in 2009 a drop of 20%. In 2010 this steady decline in egg production has reversed with an increase in the number of laying hens to 18,376 up 20.5%, approximately to the 2006 production level.

Meat production from broiler chickens made a dramatic rise from 1,550 birds in 2007 to 5,501 birds in 2008 but has fallen back sharply to 243 birds in 2009. It has been estimated that over 500,000 broiler chickens are sold in Jersey retail outlets on an annual basis however the economics of small scale local production has proved costly making it difficult for the local producer to make a reasonable return from the market place. Meat birds produced from ducks, geese and turkeys have also fallen in 2010 to 958 down from a high of 1,792 in 2008 (- 48%) for the same economic reasons as egg production.

Goats

The number of goats in Jersey is very small however there has been a continuing decline from the 23 animals in 2008 to 15 in 2010. The market for goat milk and milk products sold in Jersey however would seem to be growing and it is understood a considerable amount of goat meat is also imported into Jersey.

Pigs

This was a growing sector in the rural economy up to 2007 however the amount of pigs held on farms has declined steadily from 832 held in that year to 434 in 2010. The local market for pig meat is quite large but again the cost of imported food and current land rental market put local production at a disadvantage to the imported product. The only bright spot in the pig statistics is that the number of sows being retained has remained relatively high at 80 breeding animals.

Sheep
There is increasing interest from the local meat trade for local quality lamb and this is reflected in the increase in total sheep numbers over the last few years up from 551 in 2007 to 949 in 2010 a growth of 72.2% over this period. Continued growth in sheep numbers in Jersey may however be curtailed by the high cost of imported feed and the reduced availability of affordable land as higher rental values are being driven by the growth in potato production.

Equines (kept on farms) (Table 17)
Horses that are owned by farmers, and kept on farms, has increased from 376 in 2007 to 503 in 2010 a rise of 33.8% over this period. In 2007 there were 185 horses at livery on farms in Jersey this number has risen to 350 in 2010 up 89.2% over the four year period.

The total number of equines, owned or kept at livery on farms in Jersey has risen from 597 in 2007 to 879 animals in 2010, an increase of 47.2%. This general increase in horse ownership is causing concern within the commercial agricultural industry regarding the loss of productive agricultural land to horse grazing which they fear will undermine the industries economic future.

Donkeys owned by farmers have dropped to a low of 26 animals. Donkeys at livery and mules on farms have not been recorded in Jersey between 2008 or 2010.

Table 14: CATTLE (Numbers)

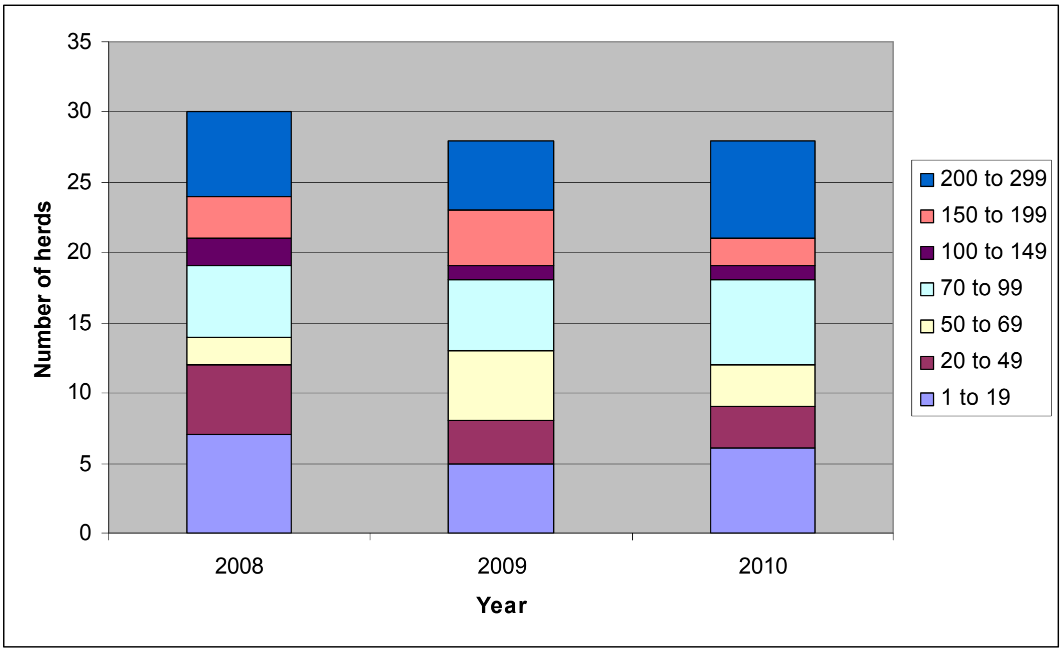
	2006	2007	2008	2009	2010
Total cows and heifers in milk	**3,363**	**3,571**	**3,050**	**2,979**	**2,970**
Heifers over 24 months	300	281	197	247	244
Heifers 12 to 24 months	744	805	719	686	763
Heifers under 12 months	866	746	797	906	906
Bulls over 24 months	22	49	24	30	25
Bulls under 24 months	54	25	33	44	54
Beef animals over 12 months	157	237	144	78	43
Beef animals under 12 months	295	124	77	43	136
Other	NR	61	51	80	63
Total	**5,801**	**5,899**	**5,092**	**5,093**	**5204**
Milk sold to Jersey Milk (Litres)	14,143,504	13,347,688	11,799,000	12,561,000	12,897,000
Gross value of milk & milk product sales (£)	9,747,000	10,175,000	10,528,000	10,656,000	11,138,000

Table 15: HERD NUMBERS AND SIZE

Classification of Herd (cows and heifers in milk)	2005		2006		2007*		2008*		2009*		2010	
	Herds	Cows	Herds	Cows	Herds	Cows	Herds	Cows	Herds	Cows	Herds	Cows
1-19	17	101	21	120	6	78	7	68	5	48	6	60
20-49	3	95	2	55	4	147	5	192	3	101	3	116
50-69	6	360	6	362	2	129	2	124	5	296	3	189
70-99	7	578	7	592	9	756	5	390	5	445	6	533
100-149	2	268	4	484	1	140	2	233	1	129	1	132
150-199	6	1,018	4	714	4	743	3	545	4	734	2	335
200-299	2	447	3	706	5	1247	6	1498	5	1226	7	1605
300+	1	302	1	330	1	331	NR	NR	NR	NR	NR	NR
Total milking animals												
Herds and animals	44	3,169	48	3363	32	3571	30	3050	28	2979	28	2970
Average number cows and heifers per herd	72		70		112		102		106		106	

*Registered producers only from 2007. The premises of registered producers are licensed to sell milk for human consumption and are regularly inspected to ensure compliance with current Dairy Hygiene Regulations.

Chart 4: Number of herds by size (Milking Animals*)



*Registered producers only from 2007

Table 16: OTHER LIVESTOCK

	2006	2007	2008	2009	2010
Pigs					
Sows for Breeding	109	114	67	90	80
Boars in Service	11	13	14	10	10
Other Pigs	542	705	534	523	344
Total Pigs	**662**	**832**	**615**	**623**	**434**
Poultry					
Fowls from 1 day old to the point of laying	402	421	778	2,674	1,454
No. of laying hens	18,555	17,649	16,752	15,254	18,376
Broilers (for killing up to 10 weeks of age)	1,412	1,550	5,501	460	243
Other Chickens	543	594	918	1,107	1,001
Other Table Fowl (ducks, geese, turkeys)	1,750	1,768	1,792	1,061	958
Total Poultry	**22,662**	**21,982**	**25,741**	**20,556**	**22,032**
Sheep	**561**	**551**	**703**	**861**	**949**
Goats	**23**	**15**	**23**	**20**	**15**
Other livestock	**NR**	**6**	**245**	**816**	**66**

Table 17: EQUINE ANIMALS

Equine					
Horses at Livery	308	185	315	334	350
Horses Owned	515	376	428	438	503
Donkeys at livery	6	6	NR	NR	NR
Donkeys Owned	28	29	31	29	26
Mules	NR	1	NR	NR	NR
Total Equines	**857**	**597**	**774**	**801**	**879**

Table 18: GRASS AREAS (vg)

	2006	2007	2008	2009	2010
Grass (at 1st October)					
Total area of grassland	16,680	18,595	14,539	16,241	16,918
Of which grown to a recognised organic standard	654	822	1,147	1,210	1,242
Of which grown as part of organic conversion process	819	697	191	0	0
Area cut for hay					
1st Cut	984	1,745	1,126	1,212	962
2nd Cut	267	469	201	162	183
3rd Cut	NR	15	64	0	30
Area cut for silage					
1st Cut	2,758	2,679	2,448	2,068	4,150
2nd Cut	1,347	1,319	1,364	1,379	1,723
3rd Cut	190	210	359	313	571
Haylage					
1st Cut	354	303	318	662	523
2nd Cut	262	209	295	213	145
3rd Cut	98	193	150	46	50
Forage Maize	1,568	1,465	1,865	2,187	2,173
Other Stock Feed Crops	188	280	195	91	193
Other Crops for Green Cover	NR	16	NR	NR	NR
Green Manure/Cover Crops	4,745	3,588*	5,377	4,504	5,045

* Amended figure

Table 19: CEREAL AREAS (vg)

	2006	2007	2008	2009	2010
Barley (harvested for grain)	593	946*	743	741	786
Oats (harvested for grain)	18	28	44	11	13
Wheat (harvested for grain)	112	108	323	299	184
Cereals grown for straw only	276	266	356	506	720
Rye	NR	18	NR	NR	NR
Total cereals	**999**	**1,366***	**1,466**	**1,557**	**1,703**

* Amended figure