

AGRICULTURAL STATISTICS: RESULTS OF DECEMBER 2018 AGRICULTURAL SURVEY

Table 1 Crops and grass area, hay and silage production, 2008 to 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change between 2017 & 2018
Crops and grass sown by 1 December (hectares) ⁽¹⁾												
Wheat	86,270	103,627	113,852	97,396	82,947	102,570	103,905	101,519	103,855	92,936	103,730	11.6%
Barley	52,034	53,174	50,929	49,222	56,977	56,411	54,353	51,368	51,804	41,636	52,268	25.5%
Oats	6,242	7,593	7,146	6,459	6,957	8,272	7,721	8,667	9,370	8,511	10,226	20.1%
Oilseed rape	28,536	33,737	37,622	35,304	35,146	36,328	35,580	29,206	31,556	31,006	30,494	-1.6%
Total winter crops	173,081	198,132	209,550	188,382	182,027	203,581	201,559	190,760	196,585	174,089	196,718	13.0%
Grass sown ⁽¹⁾	40,812	57,761	58,586	47,060	45,576	60,329	54,119	50,584	54,503	48,076	56,063	16.6%
Grass cut (hectares)												
For hay	40,783	41,029	44,851	45,351	32,768	52,238	52,531	37,026	38,421	36,389	51,385	41.2%
For silage / haylage	319,553	356,279	353,018	342,443	326,148	332,069	357,375	334,893	343,009	361,937	348,243	-3.8%
Production (tonnes) ⁽²⁾												
Hay	239,107	265,490	297,440	279,225	193,084	311,055	363,689	264,671	224,262	216,694	283,819	31.0%
Grass silage / haylage	6,675,729	6,917,005	7,022,007	7,057,747	6,824,878	6,864,937	7,320,429	7,370,147	6,853,340	6,877,316	6,837,765	-0.6%
Arable silage ⁽²⁾	379,041	356,545	343,923	316,520	298,938	346,561	294,507	334,745	328,876	256,237	287,877	12.3%
Yields (tonnes/hectare)												
Hay	5.9	6.5	6.6	6.2	5.9	6.0	6.9	7.1	5.8	6.0	5.5	-7.2%
For silage / haylage	20.9	19.4	19.9	20.6	20.9	20.7	20.5	22.0	20.0	19.0	19.6	3.3%
Number of main holdings ³	25,272	26,188	26,545	23,943	24,373	24,693	21,807	23,323	23,240	26,267	24,699	-6.0%
Agricultural area on main holdings ³	5,297,565	5,328,898	5,344,808	5,326,948	5,273,855	5,326,792	5,246,086	5,227,446	5,226,033	5,391,964	5,443,015	0.9%

(1) Grass sown excludes minor holdings, which account for approximately 4% of total grassland

(2) Arable silage excludes minor holdings, which account for approximately 0.2% of crops

(3) Figures for grass sown and arable silage are based on estimates for all main holdings, the numbers of which change from year to year.

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Table 2 Number of cattle, 2008 to 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change between 2017 & 2018
Female Dairy Cattle												
Aged 1-2	46,590	49,312	50,839	51,255	53,652	55,864	56,071	57,068	59,436	56,175	53,284	-5.1%
Aged 2 years and over - with offspring	174,539	169,836	167,753	162,112	162,605	167,386	174,458	177,262	174,676	175,240	175,616	0.2%
Aged 2 years and over - without offspring	49,484	48,684	49,443	48,547	48,113	47,311	49,034	44,327	42,771	42,261	39,006	-7.7%
Total	270,613	267,832	268,035	261,914	264,370	270,561	279,563	278,657	276,883	273,676	267,906	-2.1%
Female Beef Cattle												
Aged 1-2	207,710	202,174	192,822	182,636	190,377	184,958	182,685	186,419	180,878	182,320	183,222	0.5%
Aged 2 years and over - with offspring	448,508	451,634	459,701	449,607	431,422	428,504	422,923	424,507	420,917	415,544	406,712	-2.1%
Aged 2 years and over - without offspring	78,914	81,717	82,516	71,489	83,765	72,817	72,565	68,957	69,661	68,468	69,042	0.8%
Total	735,132	735,525	735,039	703,732	705,564	686,279	678,173	679,883	671,456	666,332	658,976	-1.1%
Male Cattle												
Aged 1-2	209,026	205,268	197,404	188,584	189,788	190,483	182,149	185,633	179,136	174,003	170,923	-1.8%
Aged 2 years and over	53,457	56,525	53,873	47,579	49,502	54,183	55,894	51,842	49,627	48,992	48,069	-1.9%
Total	262,483	261,793	251,277	236,163	239,290	244,666	238,043	237,475	228,763	222,995	218,992	-1.8%
Calves												
Female dairy cattle under 1	50,421	52,167	52,440	55,005	56,999	56,583	58,948	60,599	57,713	54,924	55,738	1.5%
Female beef cattle under 1	237,414	226,464	229,106	231,681	223,804	213,856	218,248	218,546	220,548	221,988	216,197	-2.6%
Male cattle under 1	269,502	265,548	269,186	269,056	265,415	252,694	257,957	260,937	256,792	254,496	244,668	-3.9%
Total	557,337	544,179	550,732	555,742	546,218	523,133	535,153	540,082	535,053	531,408	516,603	-2.8%
Total cattle	1,825,565	1,809,329	1,805,083	1,757,551	1,755,442	1,724,639	1,730,932	1,736,097	1,712,155	1,694,411	1,662,477	-1.9%

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Table 3 Number of sheep, 2008 to 2018

	2008	2009	2010	2011	2012	2013	2014	change in data collection				% Change between 2017 & 2018
								2015	2016	2017	2018	
Sheep 1 year old or over												
Ewes kept for breeding	2,938,365	2,880,901	2,831,403	2,791,010	2,847,481	2,796,462	2,930,534	2,883,076	2,797,741	2,814,771	2,752,328	-2%
Other sheep	238,290	210,530	216,511	210,971	236,120	242,600	208,884	724,943	416,224	511,171	351,906	-31%
Total	3,176,655	3,091,431	3,047,914	3,001,981	3,083,601	3,039,062	3,139,418	3,608,019	3,213,965	3,325,942	3,104,234	-7%
Sheep under 1 year old												
Lambs put to ram	77,286	100,538	101,481	109,357	91,496	85,670	108,599	127,946	116,527	125,242	127,302	2%
Lambs not put to ram	1,761,153	1,652,160	1,645,203	1,577,481	1,733,373	1,638,973	1,593,396	1,223,638	1,713,018	1,455,162	1,721,786	18%
Total	1,838,439	1,752,698	1,746,684	1,686,838	1,824,869	1,724,643	1,701,995	1,351,584	1,829,545	1,580,404	1,849,088	17%
Total sheep	5,015,094	4,844,129	4,794,598	4,688,819	4,908,470	4,763,705	4,841,413	4,959,603	5,043,510	4,906,346	4,953,322	1%
Goats								5,437	3,632	5,095	4,957	-3%

(1) From 2015, the collection of sheep data incorporated that via the Sheep and Goat Annual Inventory and increased the number of holdings included within the survey.

Since then, the wording of the sheep categories in the questionnaire has been changed each year to try to improve clarity for respondents.

Comparisons with previous years should be made with caution.

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Table 4 Number of pigs, 2008 to 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change between 2017 & 2018
Breeding herd												
Sows in pig	23,476	23,001	27,048	22,378	17,874	18,408	21,172	26,502	26,789	19,766	23,496	18.9%
Gilts in pig	4,053	3,893	5,299	4,438	4,588	4,863	5,850	6,615	6,017	6,404	8,149	27.2%
Other sows for breeding	5,650	4,872	6,315	5,346	5,661	5,226	6,178	4,160	4,992	5,193	4,453	-14.2%
Total	33,179	31,766	38,662	32,162	28,123	28,497	33,200	37,277	37,798	31,363	36,098	15.1%
Barren sows for fattening	517	526	540	603	731	569	408	605	816	984	577	-41.4%
Gilts 50kg and over, not in pig but expected to be used for breeding	4,114	4,227	5,112	5,063	5,149	5,906	5,503	6,891	4,905	4,805	5,051	5.1%
Boars being used for service	1,194	1,248	1,524	1,307	1,150	1,201	1,018	961	964	898	961	7.0%
All other pigs												
110kg liveweight and over	4,722	6,375	6,181	3,506	3,456	3,003	4,822	6,243	4,696	5,904	6,778	14.8%
80kg and under 110kg liveweight	50,746	69,803	66,895	61,656	52,283	42,217	47,680	49,471	51,385	46,085	55,822	21.1%
50kg and under 80kg liveweight	78,629	85,187	91,385	85,145	70,684	59,089	63,074	63,239	68,834	60,456	58,735	-2.8%
20kg and under 50kg liveweight	102,615	99,926	100,134	96,019	83,623	78,442	72,988	75,133	88,699	80,825	68,817	-14.9%
Under 20kg liveweight	106,386	90,867	105,696	90,832	78,892	74,544	93,441	91,171	109,702	113,829	99,786	-12.3%
Total	343,098	352,158	370,291	337,158	288,938	257,295	282,005	285,257	323,316	307,099	289,938	-5.6%
Total pigs	382,102	389,925	416,129	376,293	324,091	293,468	322,134	330,991	367,799	345,149	332,625	-3.6%

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Table 5 Number of poultry, 2008 to 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change between 2017 & 2018
Fowls for producing eggs for eating												
Pullets & hens in the laying flock:												
- Hens in first laying season	3,021,831	3,083,474	3,819,339	3,952,681	3,813,267	3,571,694	4,455,178	4,769,148	4,846,722	5,427,749	5,150,686	-5.1%
- Moulded hens	39,100	46,110	44,040	41,682	42,227	43,511	43,516	43,244	45,288	43,721	41,769	-4.5%
Pullets being reared for laying	759,142	1,149,717	1,605,772	1,330,404	1,412,285	1,385,991	967,221	1,785,675	1,616,152	1,172,965	1,675,504	42.8%
Total	3,820,073	4,279,301	5,469,151	5,324,767	5,267,779	5,001,196	5,465,915	6,598,067	6,508,162	6,644,435	6,867,959	3.4%
Fowls for breeding												
Breeding hens	1,165,922	1,026,827	924,492	1,263,033	878,033	1,215,233	937,916	963,433	1,019,624	1,148,637	980,714	-14.6%
Cocks	123,630	108,861	101,351	143,496	94,324	136,513	123,376	127,043	126,939	119,781	129,769	8.3%
Total	1,289,552	1,135,688	1,025,843	1,406,529	972,357	1,351,746	1,061,292	1,090,476	1,146,563	1,268,418	1,110,483	-12.5%
Broilers and other table birds	8,027,373	7,698,459	8,146,495	7,483,899	8,725,482	7,740,664	5,295,250	5,605,893	6,674,880	6,328,168	6,673,491	5.5%
Other Poultry (e.g. turkeys, ducks, geese)	46,931	58,168	57,192	72,450	92,020	93,773	88,474	120,824	89,295	65,664	66,360	1.1%
Total poultry	13,183,929	13,171,616	14,698,681	14,287,645	15,057,638	14,187,379	11,910,931	13,415,260	14,418,900	14,306,685	14,718,293	2.9%

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Table 6 Number of tractors and other transport on main holdings, December 2008 to 2018 ^{(1) (2)}

	detailed transport questions asked in alternate years							summary questions asked			
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	number	number	number	number	number	number	number	number	number	number	number
Tracklaying tractors (Caterpillars)	759	654	803	604	579	706	561	729	841	1,039	1,025
Wheeled tractors:											
under 35 hp	2,415	2,230	2,442	2,102	2,258	2,179	2,277	2,353	2,485	2,442	2,565
35 to under 55 hp	6,813	6,847	6,789	6,145	6,371	6,129	5,799	6,203	5,544	5,569	5,638
55 to under 80 hp	10,000	9,160	8,852	8,125	7,580	7,323	7,060	7,250	7,384	7,095	6,857
80 to under 108 hp	13,202	13,229	12,935	12,154	12,120	11,569	11,158	11,497	11,406	11,721	10,208
108 to under 134 hp	5,986	6,287	6,585	6,694	6,873	6,817	7,192	6,798	7,213	7,375	7,051
134 to Under 201hp	3,477	3,809	4,126	4,465	4,797	5,179	5,380	5,951	5,931	6,285	6,449
201hp and over	280	435	461	539	684	812	896	941	1,104	1,401	1,574
Total wheeled tractors	42,173	41,997	42,190	40,224	40,683	40,008	39,762	40,993	41,067	41,888	40,342
4-Wheel drive tractors	26,091	26,661	27,557	25,895	26,438	26,374	26,792	26,984	27,629	28,256	26,767
Transport²	21,758	23,246	22,967	24,278	23,802	24,196	27,687	19,909	20,666	21,517	21,375
Number of main holdings ¹	25,272	26,188	26,545	23,943	24,373	24,693	21,807	23,323	23,240	26,267	24,699
Agricultural area on main holdings ¹	5,297,565	5,328,898	5,344,808	5,326,948	5,273,855	5,326,792	5,246,086	5,227,446	5,226,033	5,391,964	5,443,015

: Information not available

(1) Figures for tractors and transport are based on estimates for all main holdings only, the numbers of which change from year to year.

(2) From 2015, only summary transport data was collected (as opposed to data for individual sub-categories). Comparisons with previous years should be made with caution.

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Table 7 Machinery, 2008 to 2018 ⁽¹⁾⁽²⁾

	detailed questions asked in alternate years							summary questions asked			
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
	number	number	number	number	number	number	number	number	number	number	number
Cultivation	47,808	47,439	46,714	45,824	45,006	43,694	41,052	38,411	39,621	40,786	39,154
Planting and Fertiliser Distribution	29,941	29,796	29,468	28,915	28,254	27,348	25,471	23,594	23,393	24,014	22,131
Field crop or fruit sprayers	4,228	4,261	4,293	4,362	4,431	4,136	3,841	4,653	4,530	4,607	4,363
Combine harvesters	4,358	4,256	4,153	4,182	4,210	4,047	3,884	3,813	3,811	3,997	3,418
Harvesting	44,669	43,932	43,575	42,912	41,398	39,931	33,770	27,609	28,999	29,510	27,611
Load handling and Transporting	58,154	57,917	57,713	57,612	56,472	54,970	47,673	40,376	40,453	42,138	40,021
Drying and storage	4,684	4,525	4,365	4,254	4,142	4,012	3,882	3,391	3,434	3,705	3,305
Mounted hedge cutters	838	843	877	910	994	1,077	1,129	1,181	1,134	1,191	1,201
Drainage and ditching equipment	3,556	3,675	3,794	3,759	3,723	3,652	3,580	4,372	4,404	4,478	4,536
Feed mills, feed mixers and combined r	3,200	3,196	3,192	3,108	3,023	2,895	2,767	3,367	3,533	3,728	3,401
Milking parlours	:	:	:	:	:	:	:	987	956	942	911
Cattle weighing crushes	2,379	2,315	2,403	2,491	2,411	2,331	2,575	2,818	3,229	3,215	3,338
Stand-by generators	5,371	5,404	5,436	5,298	5,160	5,077	4,993	5,636	5,921	5,700	6,149
Number of main holdings ¹	25,272	26,188	26,545	23,943	24,373	24,693	21,807	23,323	23,240	26,267	24,699
Agricultural area on main holdings ¹	5,297,565	5,328,898	5,344,808	5,326,948	5,273,855	5,326,792	5,246,086	5,227,446	5,226,033	5,391,964	5,443,015

(1) Figures for tractors and transport are based on estimates for all main holdings only, the numbers of which change from year to year.

(2) From 2015, only summary machinery data was collected (as opposed to data for individual sub-categories). Comparisons with previous years should be made with caution.

: not available - question on milking parlours introduced in 2015

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Table 8: Average rent per hectare for full tenancies, including crofts

	Actual prices (£)			Real terms (£)		
	LFA	Non-LFA	Total	LFA	Non-LFA	Total
1998	17	103	29	24	151	42
1999	17	105	30	25	151	43
2000	15	109	28	22	155	40
2001	18	102	30	25	144	42
2002	14	105	26	19	145	36
2003	16	110	29	22	147	39
2004	17	107	29	23	140	38
2005	16	108	28	21	138	36
2006	16	103	27	20	129	33
2007	18	104	29	22	126	35
2008	16	108	27	19	127	32
2009	17	117	30	20	135	34
2010	19	120	31	22	138	36
2011	19	124	32	21	139	36
2012	20	122	33	22	135	36
2013	23	123	36	25	134	39
2014	25	130	38	27	132	40
2015	26	130	39	27	138	41
2016	25	132	38	26	137	40
2017	25	132	38	26	134	39
2018	27	133	40	27	133	40

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Table 9 Median, quartile and decile rents per hectare, by category, 2018/19

	10%	lower quartile	median	upper quartile	90%	sample size
Sub-region						
Shetland	c	c	c	c	c	5
Orkney	13	33	59	136	209	20
Na h-Eileanan Siar	0	1	3	12	29	15
Highland	1	11	45	100	134	130
NE Scotland	25	62	105	138	170	355
Tayside	9	47	110	171	204	160
Fife	7	74	135	181	213	75
Lothian	15	71	143	190	229	65
Scottish Borders	15	50	124	168	232	210
East Central	8	32	83	118	181	45
Argyll & Bute	2	6	18	65	121	100
Clyde Valley	9	31	79	142	205	80
Ayrshire	8	29	92	135	197	60
Dumfries & Galloway	13	43	102	137	188	255
NUTS2 regions						
Eastern Scotland	9	50	114	173	210	340
Highlands and Islands	3	13	47	106	150	380
North Eastern Scotland	32	70	110	138	173	240
Southern Scotland	14	42	104	153	205	565
West Central Scotland	7	22	67	110	155	50
Farm type						
Cereal	65	112	137	176	221	130
General Cropping	41	105	143	180	207	180
Horticulture	58	89	198	450	1960	20
Pigs and poultry	53	67	124	275	495	20
Dairy	47	92	123	186	260	70
Cattle and Sheep (LFA)	5	17	52	100	145	805
Cattle and Sheep (non-LFA)	47	92	129	159	230	95
Mixed	20	81	118	159	191	210
Forage/other	3	21	65	122	160	50
Rental type						
Crofting/ Small Landholders Act	1	1	3	8	22	375
91 Act LFA	5	17	55	99	131	520
91 Act non LFA	63	106	136	168	189	345
91 Act Ltd Partnership	6	30	83	128	185	110
Short Limited Duration Tenancy (SLDT)	12	46	108	186	246	335
Limited Duration Tenancy (LDT)	8	30	97	142	190	230
Modern Limited Duration Tenancy (MLDT)	14	26	87	168	216	20
Seasonal LFA on same location	8	48	118	179	247	1,335
Seasonal LFA on different location	10	73	124	201	284	100
Seasonal non-LFA on same location	9	79	151	221	346	530
Seasonal non-LFA on different location	7	15	112	242	750	75

c data suppressed to prevent disclosure of individual holdings