



14th November 2019

United Kingdom Slaughter Statistics – October 2019

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Key points

The key results for **October 2019 compared to October 2018** are:

- **Cattle:** UK prime cattle (steers, heifers and young bulls) slaughterings in October 2019 were up 1.4% on October 2018 at 186,000 head. Beef and veal production was 86,000 tonnes, 3.0% higher than in October 2018.
- **Sheep:** UK clean sheep slaughterings were up 1.7% on October 2018 at 1299,000 head. Mutton and lamb production was 29,000 tonnes, 2.5% higher than in October 2018.
- **Pigs:** UK clean pig slaughterings were 3.9% higher than in October 2018 at 1002,000 head. Pigmeat production was 89,000 tonnes, 5.1% higher than in October 2018.

Response rates for October were 91% for England and Wales.

Due to the General Election taking place on Thursday 12th December 2019, this notice will be updated at 09:30 on Friday 13th December 2019. Additional time series which include weekly slaughter averages, production and trade data can be found at <https://www.gov.uk/government/statistics/cattle-sheep-and-pig-slaughter>

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Section 1: Monthly numbers of home killed livestock slaughtered

Table 1 shows monthly estimates of the number of home killed cattle, sheep and pigs, slaughtered as meat for human consumption in UK abattoirs.

Table 1: United Kingdom monthly numbers of livestock slaughtered

	thousand head				
	October 2018 31 days	August 2019 31 days	September 2019 30 days	October 2019 31 days	yr on yr % change
Steers	95	80	89	97	1.4%
Heifers	72	61	68	74	2.4%
Young Bulls	16	19	16	15	-3.4%
Cows and Adult Bulls	71	55	59	73	2.6%
Calves(1)	14	10	14	15	6.0%
Clean Sheep	1277	1252	1191	1299	1.7%
Ewes and Rams	153	174	142	157	2.4%
Clean Pigs	964	939	899	1002	3.9%
Sows and Boars	24	19	20	22	-9.0%

(1) The definition of calves from May 2014 is "Bovines less than 1 year". Please see methodology for full details.

Section 2: Average dressed carcass weights (2)

Table 2 shows the monthly average dressed carcass weight (DCW) of livestock slaughtered for meat for human consumption in the United Kingdom.

Table 2: United Kingdom average dressed carcass weights (2)

	kilogramme			
	October 2018	August 2019	September 2019	October 2019
Steers	354.2	360.4	360.9	359.3
Heifers	315.5	325.2	316.8	316.1
Young Bulls	330.9	353.0	342.2	330.1
Cows and Adult Bulls	296.1	308.7	306.0	304.5
Calves(1)	57.5	70.1	56.6	51.0
Clean Sheep	19.4	19.3	19.5	19.5
Ewes and Rams	25.2	26.8	25.7	25.5
Clean Pigs	84.0	84.7	84.6	85.5
Sows and Boars	145.1	146.9	145.8	143.6

(1) The definition of calves from May 2014 is "Bovines less than 1 year". Please see methodology for full details.

(2) Revised methodology for calculating cattle DCW has been applied from January 2018 onwards. Please see methodology for full details.

Section 3: Monthly volumes of home killed meat production

Table 3 shows the monthly volumes of meat produced in UK abattoirs.

Table 3: United Kingdom monthly volumes of meat production

thousand tonnes					
	October 2018 31 days	August 2019 31 days	September 2019 30 days	October 2019 31 days	yr on yr % change
Beef	84	73	78	86	3.0%
Mutton and Lamb	29	29	27	29	2.5%
Pigmeat	85	82	79	89	5.1%

(1) Revised methodology for calculating cattle DCW has been applied from January 2018 onwards. This change will impact production volume data. Please see methodology for full details.

Section 4: Average weekly numbers of home killed livestock slaughtered

Table 4 shows the average weekly slaughter figures for the last thirteen months. The monthly slaughter figures in section one are affected by the number of days in the survey period. To get a clearer measure of trends weekly averages are calculated using the number of livestock slaughtered and the number of days in each period.

Longer term trends can be seen in Figures 4:1, 4:2 and 4:3, following this table.

Table 4: United Kingdom average weekly numbers of livestock slaughtered

thousand head													
	2018	2018	2018	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Steers	22	22	18	20	21	19	19	20	18	18	18	21	22
Heifers	16	17	14	16	17	15	15	15	14	14	14	16	17
Young Bulls	4	3	3	3	3	3	4	4	5	5	4	4	3
Cows and Adult Bulls	16	16	13	14	14	13	11	12	12	12	12	14	16
Calves	3	3	2	2	3	4	3	2	2	2	2	3	3
Clean Sheep	288	288	270	233	227	224	248	223	212	246	283	278	293
Ewes and Rams	35	32	32	32	34	31	31	31	26	34	39	33	35
Clean Pigs	218	222	189	212	209	194	207	206	189	205	212	210	226
Sows and Boars	5	5	4	6	5	5	4	5	4	4	4	5	5

(1)The definition of calves from May 2014 is "Bovines less than 1 year". Please see methodology for full details.

Figure 4:1 United Kingdom average weekly numbers of cattle slaughtered

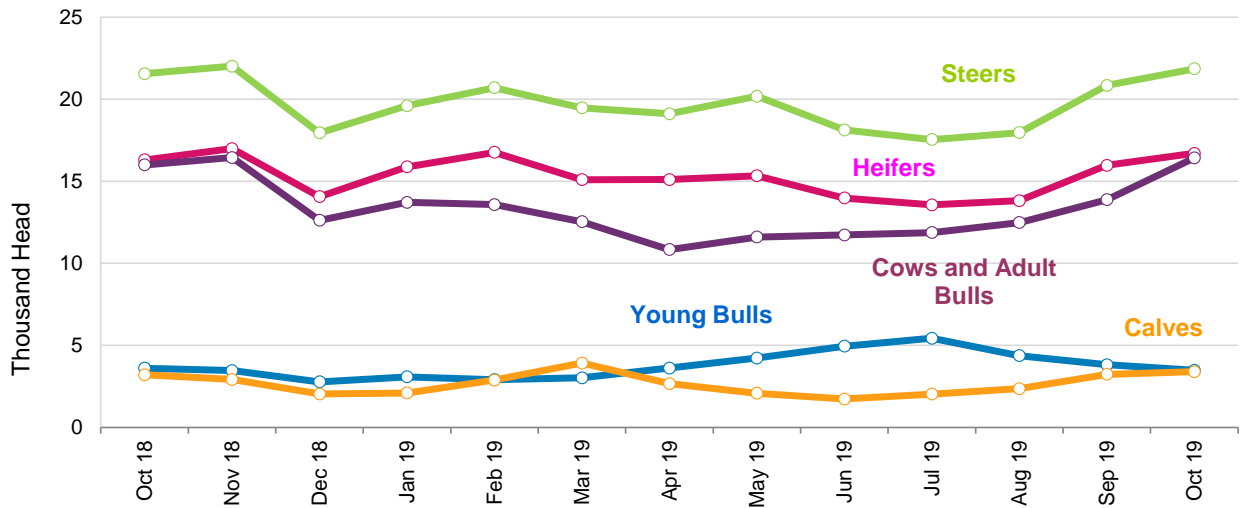


Figure 4:2 United Kingdom average weekly numbers of sheep slaughtered

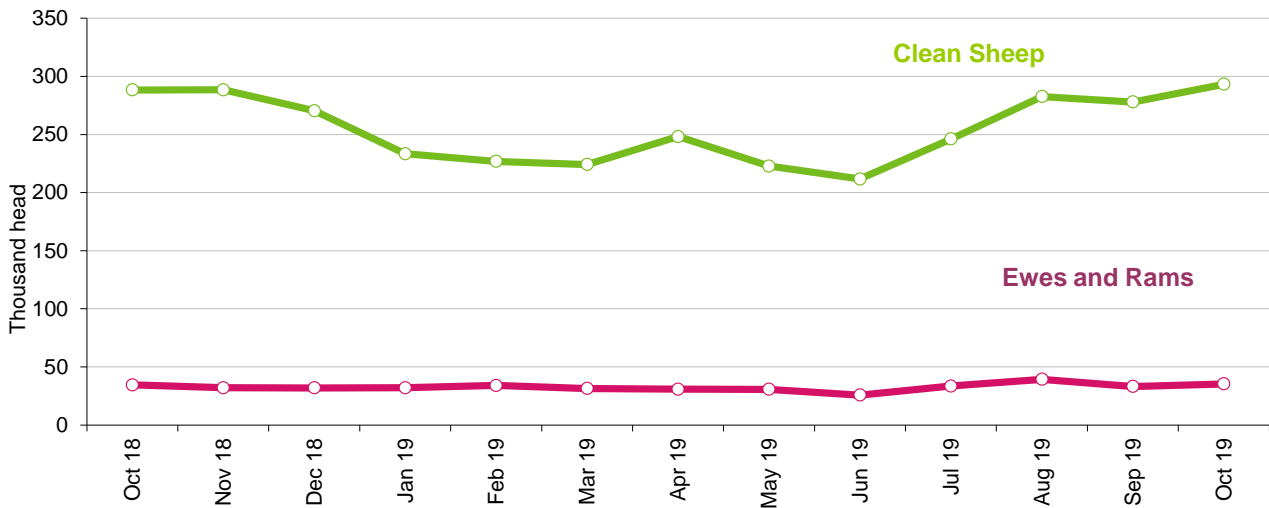
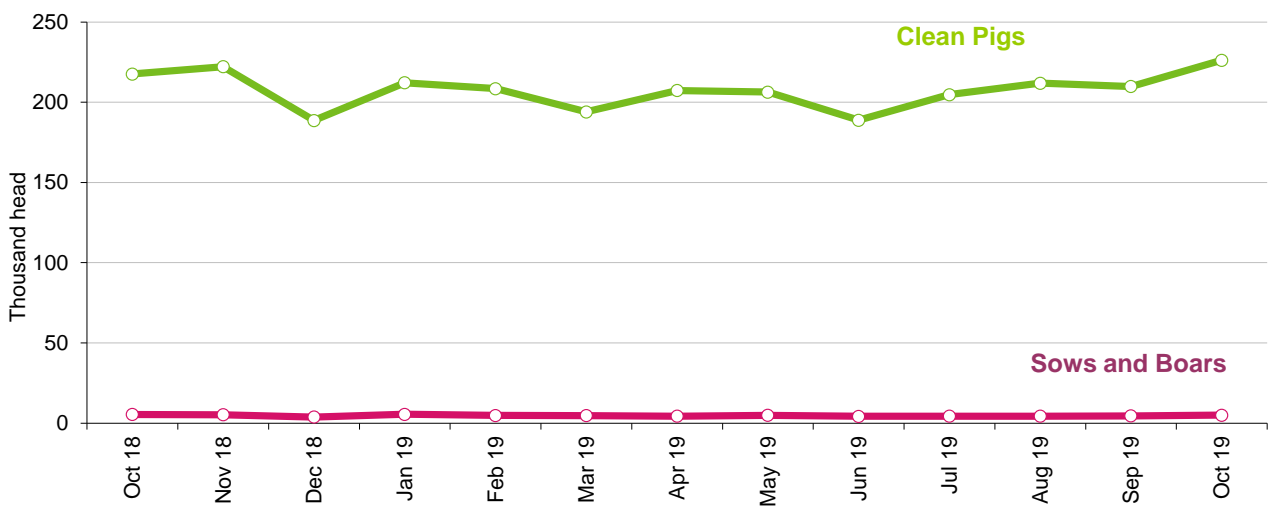


Figure 4:3 United Kingdom average weekly numbers of pigs slaughtered



Section 5: Monthly numbers of home killed livestock slaughtered by country

Table 5 shows monthly estimates of the number of cattle, sheep and pigs slaughtered for meat in England and Wales, Scotland, Great Britain and Northern Ireland.

Table 5: United Kingdom monthly numbers of livestock slaughtered by country

	thousand head		
	August 2019	September 2019	October 2019
	31 days	30 days	31 days
England & Wales			
Steers	51	55	60
Heifers	40	44	48
Young Bulls	11	10	10
Cows and Adult Bulls	41	44	55
Calves	10	13	14
Clean Sheep	1091	1027	1126
Ewes and Rams	169	137	152
Clean Pigs	747	714	808
Sows and Boars	18	18	20
Scotland			
Steers	16	18	19
Heifers	12	13	14
Young Bulls	4	2	2
Cows and Adult Bulls	5	5	6
Calves	0	0	0
Clean Sheep	113	124	135
Ewes and Rams	2	2	2
Clean Pigs	30	28	30
Sows and Boars	1	1	2
Great Britain			
Steers	67	73	79
Heifers	52	57	61
Young Bulls	15	12	12
Cows and Adult Bulls	46	49	60
Calves	10	13	14
Clean Sheep	1204	1151	1260
Ewes and Rams	171	139	154
Clean Pigs	777	742	838
Sows and Boars	19	20	22
Northern Ireland			
Steers	12	16	18
Heifers	10	12	12
Young Bulls	4	4	3
Cows and Adult Bulls	9	10	12
Calves	1	1	1
Clean Sheep	48	40	38
Ewes and Rams	3	3	3
Clean Pigs	161	157	164
Sows and Boars	0	0	0

Section 6: Data users, methodology, Definitions and revisions policy

Data users

1. Users of the data include the EU Commission where these slaughtering statistics are required monthly under Regulation no. EC.1165/2008. Detailed information on this legislation is available by selecting “Animal Production” at <http://epp.eurostat.ec.europa.eu/portal/page/portal/agriculture/legislation>. European level statistics on meat products (which includes data tables showing results at EU Member State level) are available at http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Agricultural_products#Meat_and_milk
2. The livestock industry is also a major user of the data, including divisions of the Agriculture and Horticulture Development Board (AHDB). AHDB Pork (formally known as BPEX, representing the English pig industry) and AHDB Beef and Lamb (formerly EBLEX, representing the English beef and sheep industry). Industry users rely heavily on the numbers of slaughterings and meat production to assess the current state of the industry and predict the available supplies of meat for the coming year. This, in turn, can affect meat prices and trade decisions on levels of imports and exports to maintain supply. Users have always been very keen for the slaughtering statistics to be produced as quickly as possible so that the data is still relevant. For this reason, we collect and publish these statistics to a very tight timetable, publishing within three weeks of the survey date. The “Market Intelligence” and “Market Outlook” Reports on the AHDB Beef and Lamb website refer consistently to our statistics at <http://beefandlamb.ahdb.org.uk/markets/> The AHDB Pork site provides more in-depth analysis of pigmeat production statistics at <http://pork.ahdb.org.uk/prices-stats/>
3. Contact details are available on the front page of this notice, for you to send feedback or ask questions about the information provided.

Methodology

4. Defra runs a monthly survey of registered England and Wales slaughterhouses. It is a statutory survey (approximately 85) that collects information on livestock slaughter numbers and weight of meat produced. All major slaughterhouses participate in the survey and the response rate is typically 100%. Similar surveys are run by RERAD in Scotland and by DAERA in Northern Ireland. Scottish statistics on livestock slaughterings are available in the Economic Report on Scottish Agriculture at <http://www.scotland.gov.uk/Topics/Statistics/Browse/Agriculture-Fisheries/PubEconomicReport> (Tables A5 and A6). This website also contains contact details and more information. Northern Ireland results are available at <https://www.daera-ni.gov.uk/articles/slaughtering-cattle-and-sheep> and <https://www.daera-ni.gov.uk/articles/slaughtering-pigs-2003>
5. The England and Wales slaughter survey accounts for around 90% of the E&W slaughterhouse throughput for each livestock type. These data are supplemented by administrative data from the Food Standards Agency (FSA) for smaller slaughterhouses to give complete monthly coverage of livestock slaughterings.

6. Information on the weight of meat produced from a sample of animals weighed at slaughterhouses is obtained from survey respondents, around 55 slaughterhouse respondents. From the information provided average dressed carcass weights for each animal type are primarily calculated by adding up the total weight of the meat produced and dividing by the number of animals weighed. Cold dressed carcass weights are recorded.
7. The volume of meat production is estimated from the number of all livestock slaughtered and average dressed carcass weight information collected. This total 'Home killed' production includes livestock imported into the United Kingdom for slaughter.
8. The data are subject to a variety of validation checks which identify inconsistencies in the data. All data are cleaned prior to publication in discussion with the survey respondents.
9. With effect from February 2016 the statistics published in this notice are based on calendar rather than statistical months. This change simplifies our survey processes and brings our slaughter survey in line with our milk surveys which are already run on a calendar month basis; it also removes the need for the 53 week year (which would have to be 2016). Since the end of weekly slaughter survey several years ago, there is no legislative requirement for weekly data, so since then we have derived the average weekly throughput from the monthly survey data.
10. The January 2016 data will include the last week of December 2015 and therefore be classed as a 5 week month. From 1st February 2016 onwards the statistics are based on calendar months.
11. We have carried out a review of the methodology for calculating the dressed carcass weights in order to align with UK specifications. Some slaughterhouses provide Cattle Dressed Carcass Weights (DCW) including Kidney Knob and Channel Fat (KKCF); some slaughterhouses provide pig weights at EC specification. From September 2019 cattle DCWs are calculated to UK specification which excludes KKCF; Pigs are dressed to UK specification.
12. To calculate the DCW of animals by category:
 - a. If the slaughterhouse includes KKCF in the total weight, a deduction of 3.9% occurs. This aligns to the UK DCW specification.
<https://www.gov.uk/guidance/the-beef-carcass-classification-scheme-classify-carcasses>
 - b. If pigs are dressed to EC specification then an increase of 1.6% to the DCW occurs to align with UK specification.
<https://www.gov.uk/guidance/the-pig-carcass-grading-scheme-dress-and-grade-carcasses>
13. Some slaughterhouses specialise for niche markets. These slaughterhouses are treated separately so their DCW are not used to raise the data for those slaughterhouses who do not provide DCW data.
14. Data have been revised to January 2018 using the new methodology. If you have any questions or comments we are happy to discuss. Please contact us at DEFRA.FISU@defra.gov.uk

Definitions

15. Steers (or Bullocks): Castrated males over 1 year old, raised for beef.

Heifers: Female animals that have not calved. Over 1 year old, raised for beef.

Young bulls: Non-castrated young males, raised for beef, generally slaughtered around 13 months old.

Prime cattle: All those raised specifically for beef production. Total of Steers + Heifers + Young Bulls.

Breeding bulls: Older cull males, previously used for breeding

Cows: Older cull females, previously used for breeding

Calves: All bovine animals aged 1 year old or younger. Prior to May 2014, the definition was "animals weighing less than 165kg".

Revisions policy

16. Figures in this notice are provisional and subject to revision. We will provide information about any revisions we make to previously published information in this statistics notice and the associated datasets. Revisions could occur for various reasons, including:

- a. if we have not received survey data from respondents we make an estimate based on their previous returns. These estimates will be replaced with actual survey data when it is received.
- b. survey respondents occasionally supply amended figures for previous periods.
- c. if we have not received administrative data for the smaller slaughterhouses we make an estimate based on previous data received. These estimates will be replaced with actual data when it is received.