



14<sup>th</sup> May 2020

## United Kingdom Slaughter Statistics – April 2020

*Due to the increased strain Covid-19 is having on the Livestock industry, our survey response were lower than usual at 87%. To compensate we have made greater use of the Food Standards Agency throughput data to maintain coverage. This may impact on how within species numbers are split amongst their classifications; such as how sheep numbers are split amongst clean sheep and ewe & rams.*

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### Key points

The key results for **April 2020 compared to April 2019** are:

- **Cattle:** UK prime cattle (steers, heifers and young bulls) slaughterings in April 2020 were down 3.2% on April 2019 at 157,000 head. Beef and veal production was 69,000 tonnes, 3.3% lower than in April 2019.
- **Sheep:** UK clean sheep slaughterings were down 21% on April 2019 at 836,000 head. Mutton and lamb production was 21,000 tonnes, 20% lower than in April 2019.
- **Pigs:** UK clean pig slaughterings were 2.4% higher than in April 2019 at 910,000 head. Pigmeat production was 82,000 tonnes, 4.1% higher than in April 2019.

Response rates for March were 87% for England and Wales.

This notice will be updated at 09:30 on Thursday 11<sup>th</sup> June 2020. 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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**Enquiries on this publication to:** Julie Rumsey, Department for Environment, Food and Rural Affairs, Room 201, Foss House, Kings Pool, 1 - 2 Peasholme Green, York, YO1 7PX.  
Tel: ++ 44 (0)2080 266306, email: [julie.rumsey@defra.gov.uk](mailto:julie.rumsey@defra.gov.uk)

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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				
	April 2019 30 days	February 2020 29 days	March 2020 31 days	April 2020 30 days	yr on yr % change
Steers	82	83	91	77	-6.0%
Heifers	65	70	77	65	0.1%
Young Bulls	15	11	15	15	-2.6%
Cows and Adult Bulls	46	53	56	45	-3.4%
Calves(1)	11	9	13	7	-40%
Clean Sheep	1064	836	918	836	-21%
Ewes and Rams	132	119	133	148	12%
Clean Pigs	889	861	945	910	2.4%
Sows and Boars	19	20	21	22	20%

(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			
	April 2019	February 2020	March 2020	April 2020
Steers	364.5	367.0	365.6	363.4
Heifers	326.3	332.2	330.3	326.4
Young Bulls	336.5	334.5	335.8	342.7
Cows and Adult Bulls	308.0	318.4	313.2	312.7
Calves(1)	57.6	74.9	52.2	74.1
Clean Sheep	21.0	20.1	20.3	20.5
Ewes and Rams	28.0	25.7	25.4	25.9
Clean Pigs	85.2	86.8	86.6	86.2
Sows and Boars	146.8	142.2	141.7	142.6

(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				
	April 2019 30 days	February 2020 29 days	March 2020 31 days	April 2020 30 days	yr on yr % change
Beef	71	75	82	69	-3.3%
Mutton and Lamb	26	20	22	21	-20%
Pigmeat	78	78	85	82	4.1%

(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.

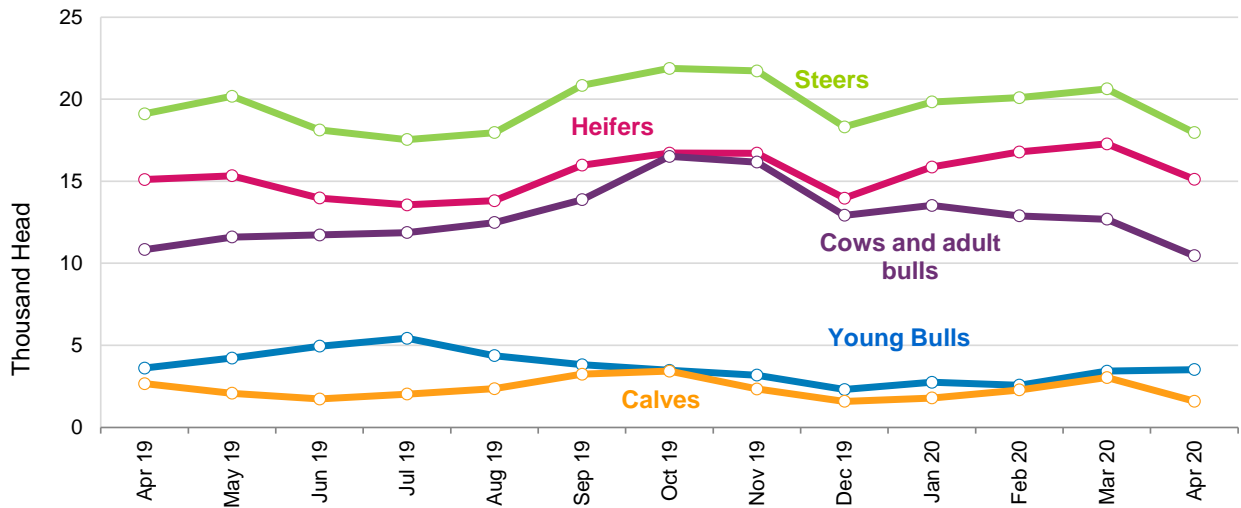
Longer term trends can be seen in Figures 4:1, 4:2 and 4:3, following this table.

**Table 4: United Kingdom average weekly numbers of livestock slaughtered**

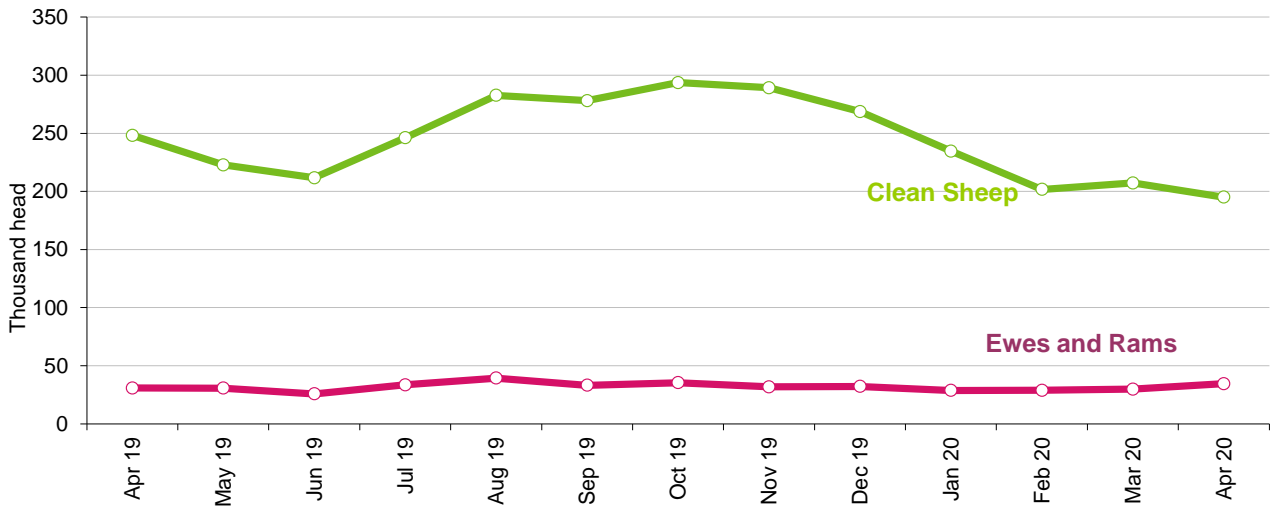
	thousand head												
	2019 Apr	2019 May	2019 Jun	2019 Jul	2019 Aug	2019 Sep	2019 Oct	2019 Nov	2019 Dec	2020 Jan	2020 Feb	2020 Mar	2020 Apr
Steers	19	20	18	18	18	21	22	22	18	20	20	21	18
Heifers	15	15	14	14	14	16	17	17	14	16	17	17	15
Young Bulls	4	4	5	5	4	4	3	3	2	3	3	3	4
Cows and Adult Bulls	11	12	12	12	12	14	17	16	13	14	13	13	10
Calves	3	2	2	2	2	3	3	2	2	2	2	3	2
Clean Sheep	248	223	212	246	283	278	294	289	269	235	202	207	195
Ewes and Rams	31	31	26	34	39	33	35	32	32	29	29	30	35
Clean Pigs	207	206	189	205	212	210	226	224	211	217	208	213	212
Sows and Boars	4	5	4	4	4	5	5	5	4	5	5	5	5

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

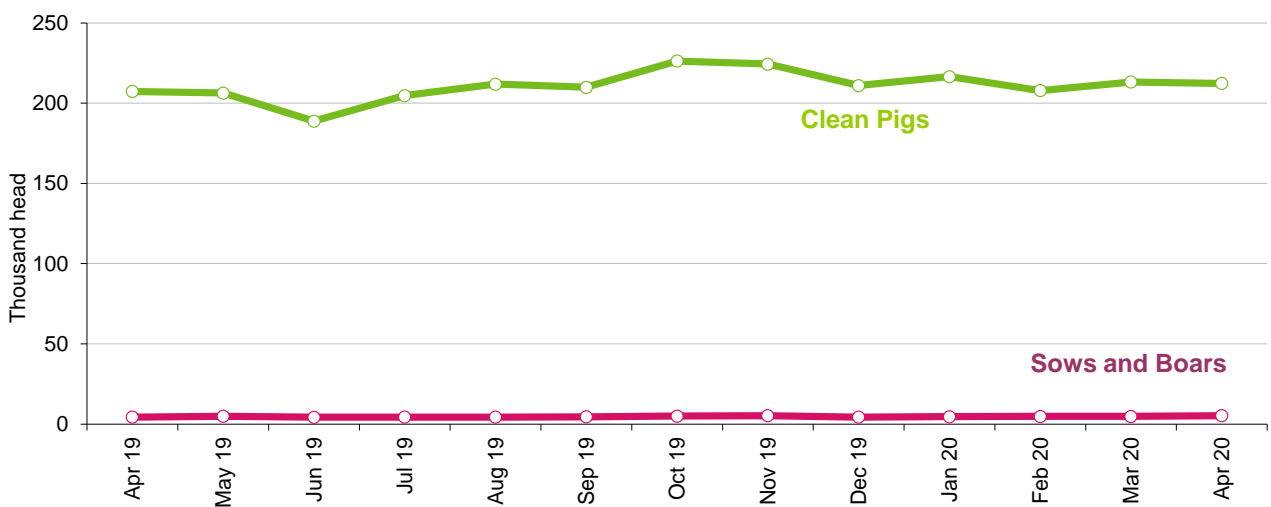
**Figure 4:1 United Kingdom average weekly numbers of cattle slaughtered**



**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		
	February 2020	March 2020	April 2020
	29 days	31 days	30 days
<b>England &amp; Wales</b>			
Steers	52	57	48
Heifers	43	49	42
Young Bulls	7	11	11
Cows and Adult Bulls	40	43	35
Calves	9	13	7
Clean Sheep	704	793	739
Ewes and Rams	115	130	146
Clean Pigs	687	751	731
Sows and Boars	18	20	22
<b>Scotland</b>			
Steers	17	19	16
Heifers	15	15	12
Young Bulls	1	1	2
Cows and Adult Bulls	5	5	4
Calves	0	0	0
Clean Sheep	105	102	79
Ewes and Rams	2	1	1
Clean Pigs	29	31	27
Sows and Boars	2	1	1
<b>Great Britain</b>			
Steers	69	76	64
Heifers	57	64	54
Young Bulls	8	12	12
Cows and Adult Bulls	45	48	39
Calves	9	13	7
Clean Sheep	810	894	818
Ewes and Rams	116	131	147
Clean Pigs	715	782	759
Sows and Boars	20	21	22
<b>Northern Ireland</b>			
Steers	14	16	13
Heifers	12	13	11
Young Bulls	3	3	3
Cows and Adult Bulls	8	9	6
Calves	1	1	0
Clean Sheep	26	24	18
Ewes and Rams	3	1	1
Clean Pigs	146	163	152
Sows and Boars	0	0	0

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

## 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](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 1<sup>st</sup> 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](mailto: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.

## National Statistics status

17. National Statistics status means that our statistics meet the highest standards of trustworthiness, quality and public value, and it is our responsibility to maintain compliance with these standards.

18. The statistics last underwent a full assessment [[Assessment Report 271 Statistics on Agriculture](#)] against the [Code of Practice for Statistics in 2014](#).

19. Since the latest review by the Office for Statistics Regulation, we have continued to comply with the Code of Practice for Statistics and have enhanced data quality by reviewing methodologies and data sources.