



# Livestock Slaughter

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## Record High Red Meat and Pork Production in November

**November 2018** contained 22 weekdays (including 2 holidays) and 4 Saturdays.

**November 2019** contained 21 weekdays (including 2 holidays) and 5 Saturdays.

**Commercial red meat production** for the United States totaled 4.74 billion pounds in November, up 1 percent from the 4.68 billion pounds produced in November 2018.

**Beef production**, at 2.30 billion pounds, was 1 percent below the previous year. Cattle slaughter totaled 2.77 million head, down 1 percent from November 2018. The average live weight was up 5 pounds from the previous year, at 1,375 pounds.

**Veal production** totaled 6.1 million pounds, 9 percent below November a year ago. Calf slaughter totaled 46,500 head, down 16 percent from November 2018. The average live weight was up 17 pounds from last year, at 227 pounds.

**Pork production** totaled 2.43 billion pounds, up 3 percent from the previous year. Hog slaughter totaled 11.3 million head, up 3 percent from November 2018. The average live weight was up 3 pounds from the previous year, at 288 pounds.

**Lamb and mutton production**, at 11.2 million pounds, was down 13 percent from November 2018. Sheep slaughter totaled 179,700 head, 8 percent below last year. The average live weight was 125 pounds, down 7 pounds from November a year ago.

**January to November 2019 commercial red meat production** was 50.3 billion pounds, up 3 percent from 2018. Accumulated beef production was up 1 percent from last year, veal was down 2 percent, pork was up 5 percent from last year, and lamb and mutton production was down 3 percent.

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## Commercial Red Meat Production – United States

[Totals, accumulated totals, and percentages based on unrounded data]

Type	November 2018	October 2019	November 2019	November 2019 as % of		January to November		
				November 2018	October 2019	2018	2019	2019 as % of 2018
	(million pounds)	(million pounds)	(million pounds)	(percent)	(percent)	(million pounds)	(million pounds)	(percent)
Beef .....	2,315.1	2,438.1	2,297.0	99	94	24,756.8	24,886.1	101
Veal .....	6.7	7.0	6.1	91	86	69.3	67.9	98
Pork .....	2,348.0	2,606.2	2,428.3	103	93	24,083.1	25,193.9	105
Lamb and mutton .....	12.9	12.7	11.2	87	88	140.1	136.2	97
Total red meat .....	4,682.7	5,064.0	4,742.6	101	94	49,049.3	50,283.9	103

## Federally Inspected Red Meat Production – United States

[Totals, accumulated totals, and percentages based on unrounded data]

Type	November 2018	October 2019	November 2019	November 2019 as % of		January to November		
				November 2018	October 2019	2018	2019	2019 as % of 2018
	(million pounds)	(million pounds)	(million pounds)	(percent)	(percent)	(million pounds)	(million pounds)	(percent)
Beef .....	2,288.6	2,403.9	2,271.9	99	95	24,444.4	24,582.2	101
Veal .....	6.6	6.9	5.9	91	86	67.7	66.4	98
Pork .....	2,337.4	2,593.4	2,418.6	103	93	23,956.0	25,073.3	105
Lamb and mutton .....	11.8	11.5	10.2	86	89	127.7	122.8	96
Total red meat .....	4,644.4	5,015.6	4,706.6	101	94	48,595.8	49,844.8	103

## Livestock Slaughter and Average Live Weight – United States

[Totals, accumulated totals, and percentages based on unrounded data]

Species	November 2018	October 2019	November 2019	November 2019 as % of 2018	January to November		
					2018	2019	2019 as % of 2018
				(percent)			(percent)
<b>Cattle</b>							
Number of head							
Federally inspected ..... 1,000	2,762.1	2,926.0	2,737.2	99	29,974.2	30,356.8	101
Other ..... 1,000	38.6	50.3	37.0	96	450.2	442.4	98
Commercial ..... 1,000	2,800.8	2,976.3	2,774.3	99	30,424.4	30,799.2	101
Live weight per head							
Federally inspected .. pounds	1,372	1,363	1,378	100	1,351	1,344	100
Other ..... pounds	1,197	1,183	1,186	99	1,205	1,193	99
Commercial ..... pounds	1,370	1,360	1,375	100	1,349	1,342	99
<b>Calves</b>							
Number of head							
Federally inspected ..... 1,000	54.9	54.6	45.8	84	518.4	529.5	102
Other ..... 1,000	0.6	0.8	0.7	113	8.3	7.4	89
Commercial ..... 1,000	55.5	55.3	46.5	84	526.7	536.9	102
Live weight per head							
Federally inspected .. pounds	209	220	225	108	226	218	96
Other ..... pounds	340	365	379	111	372	375	101
Commercial ..... pounds	210	222	227	108	228	220	96
<b>Hogs</b>							
Number of head							
Federally inspected ..... 1,000	10,981.7	12,233.2	11,276.7	103	113,293.8	117,872.3	104
Other ..... 1,000	58.4	67.9	54.0	92	681.1	646.3	95
Commercial ..... 1,000	11,040.1	12,301.1	11,330.8	103	113,974.8	118,518.6	104
Live weight per head							
Federally inspected .. pounds	286	285	288	101	283	285	101
Other ..... pounds	249	259	248	100	256	255	100
Commercial ..... pounds	285	285	288	101	283	285	101
<b>Sheep and lambs</b>							
Number of head							
Federally inspected ..... 1,000	174.1	179.8	158.9	91	1,823.6	1,847.5	101
Other ..... 1,000	21.2	25.7	20.7	98	239.7	274.1	114
Commercial ..... 1,000	195.3	205.5	179.7	92	2,063.2	2,121.6	103
Live weight per head							
Federally inspected .. pounds	136	127	128	94	140	133	95
Other ..... pounds	105	101	104	99	106	101	95
Commercial ..... pounds	132	124	125	95	136	129	95
<b>Goats</b>							
Number of head							
Federally inspected ..... 1,000	46.4	48.9	46.3	100	464.0	493.3	106
Other ..... 1,000	9.8	12.2	11.1	114	94.8	117.9	124
Commercial ..... 1,000	56.2	61.1	57.4	102	558.9	611.2	109
Live weight per head							
Federally inspected .. pounds	65	66	65	100	64	65	101
Other ..... pounds	79	89	85	108	82	82	100
Commercial ..... pounds	67	70	69	103	67	68	101
<b>Bison</b>							
Number of head							
Federally inspected ..... 1,000	4.4	5.0	4.3	97	47.4	49.7	105
Other ..... 1,000	0.6	0.6	0.4	70	5.2	5.4	104
Commercial ..... 1,000	5.0	5.6	4.7	94	52.6	55.1	105

## Commercial Red Meat Production – States and United States

[Includes total beef, veal, pork, lamb, and mutton. Totals and percentages based on unrounded data.]

State	November 2018	October 2019	November 2019	November 2019 as % of 2018
	(million pounds)	(million pounds)	(million pounds)	(percent)
Alabama .....	1.1	0.7	0.8	73
Alaska .....	0.1	0.1	0.1	81
Arizona .....	38.9	41.1	41.2	106
Arkansas .....	0.2	0.4	0.2	104
California .....	128.9	149.7	140.8	109
Colorado .....	195.4	205.2	183.2	94
Delaware-Maryland .....	3.1	3.1	2.7	89
Florida .....	2.3	3.4	3.2	138
Georgia .....	13.2	15.2	14.1	107
Hawaii .....	0.7	0.8	0.7	103
Idaho .....	29.2	34.1	32.9	113
Illinois .....	287.4	328.0	311.5	108
Indiana .....	158.3	170.8	166.2	105
Iowa .....	705.2	817.2	768.0	109
Kansas .....	504.3	424.2	424.8	84
Kentucky .....	48.8	55.0	50.6	104
Louisiana .....	0.4	0.4	0.3	87
Michigan .....	86.3	98.6	90.9	105
Minnesota .....	248.2	274.0	245.6	99
Mississippi .....	0.6	0.6	0.6	101
Missouri .....	166.1	178.7	169.1	102
Montana .....	3.1	2.6	1.8	59
Nebraska .....	715.4	781.8	738.4	103
Nevada .....	0.1	0.1	0.1	43
New England <sup>1</sup> .....	2.3	2.9	2.4	104
New Jersey .....	3.3	3.6	3.4	101
New Mexico .....	0.3	0.4	0.3	105
New York .....	3.2	3.4	2.9	90
North Carolina .....	233.8	259.6	223.0	95
North Dakota .....	0.5	0.7	0.4	91
Ohio .....	20.4	25.6	21.2	104
Oklahoma .....	106.3	108.8	106.6	100
Oregon .....	4.1	4.2	4.0	99
Pennsylvania .....	128.1	143.6	129.5	101
South Carolina .....	9.3	14.1	12.8	139
South Dakota .....	133.9	142.1	134.6	100
Tennessee .....	25.7	26.3	26.5	103
Texas .....	396.2	435.7	396.0	100
Utah .....	49.7	52.4	48.0	97
Virginia .....	48.6	52.1	51.2	105
Washington .....	77.4	90.9	87.3	113
West Virginia .....	0.9	1.2	0.8	86
Wisconsin .....	101.0	110.5	103.7	103
Wyoming .....	0.4	0.1	0.4	101
United States .....	4,682.7	5,064.0	4,742.6	101

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

## Commercial Cattle Slaughter – States and United States: November 2018 and 2019

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2018	2019	2018	2019	2018	2019
	(1,000 head)	(1,000 head)	(1,000 pounds)	(1,000 pounds)	(pounds)	(pounds)
Alabama .....	0.4	0.5	436	528	1,042	1,024
Alaska .....	0.1	0.1	83	66	1,057	1,035
Arizona .....	45.1	48.7	62,843	67,767	1,395	1,394
Arkansas .....	0.3	0.3	225	294	882	957
California .....	122.6	134.0	163,408	178,764	1,342	1,342
Colorado .....	211.6	201.2	300,427	284,317	1,421	1,415
Delaware-Maryland .....	3.2	2.8	4,308	3,813	1,338	1,348
Florida .....	(D)	(D)	(D)	(D)	(D)	(D)
Georgia .....	(D)	(D)	(D)	(D)	(D)	(D)
Hawaii .....	1.0	1.0	1,046	1,090	1,074	1,110
Idaho .....	40.1	46.1	51,259	58,488	1,292	1,279
Illinois .....	(D)	(D)	(D)	(D)	(D)	(D)
Indiana .....	2.5	2.1	2,914	2,432	1,149	1,169
Iowa .....	(D)	(D)	(D)	(D)	(D)	(D)
Kansas .....	570.6	468.7	783,222	655,249	1,373	1,398
Kentucky .....	2.0	3.1	2,051	3,249	1,038	1,057
Louisiana .....	0.4	0.4	357	309	829	775
Michigan .....	46.7	(D)	64,148	(D)	1,384	(D)
Minnesota .....	(D)	(D)	(D)	(D)	(D)	(D)
Mississippi .....	0.3	0.4	259	319	808	891
Missouri .....	2.0	1.2	2,385	1,331	1,204	1,095
Montana .....	3.1	2.0	4,259	2,501	1,369	1,281
Nebraska .....	641.9	658.3	929,004	955,775	1,449	1,453
Nevada .....	0.2	0.1	171	95	1,000	1,298
New England <sup>1</sup> .....	2.5	2.6	2,761	2,930	1,106	1,114
New Jersey .....	3.4	3.4	3,779	3,871	1,112	1,130
New Mexico .....	0.3	0.5	359	483	1,063	926
New York .....	3.3	3.0	3,890	3,556	1,196	1,197
North Carolina .....	6.0	7.1	7,310	8,697	1,234	1,232
North Dakota .....	0.5	0.4	628	596	1,300	1,330
Ohio .....	5.1	5.6	6,658	7,313	1,302	1,304
Oklahoma .....	2.0	2.4	2,093	2,561	1,039	1,056
Oregon .....	1.6	1.4	1,794	1,631	1,123	1,148
Pennsylvania .....	92.2	96.7	111,384	116,032	1,213	1,204
South Carolina .....	14.7	20.2	17,361	24,594	1,185	1,220
South Dakota .....	36.8	43.6	52,462	60,250	1,431	1,390
Tennessee .....	1.7	2.3	1,625	2,011	989	912
Texas .....	494.7	489.0	643,307	644,066	1,304	1,321
Utah .....	58.1	57.1	79,312	77,076	1,368	1,352
Virginia .....	1.3	1.4	1,347	1,454	1,059	1,061
Washington .....	90.6	100.9	126,840	142,471	1,404	1,415
West Virginia .....	1.3	1.2	1,272	1,090	965	936
Wisconsin .....	112.7	117.9	155,025	161,183	1,384	1,375
Wyoming .....	0.4	0.5	501	533	1,135	1,089
United States .....	2,800.8	2,774.3	3,828,752	3,806,610	1,370	1,375

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

## Commercial Calf Slaughter – States and United States: November 2018 and 2019

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2018 (1,000 head)	2019 (1,000 head)	2018 (1,000 pounds)	2019 (1,000 pounds)	2018 (pounds)	2019 (pounds)
Alabama .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Alaska .....	(Y)	(D)	(X)	(D)	(X)	(D)
Arizona .....	(D)	(D)	(D)	(D)	(D)	(D)
Arkansas .....	(D)	(Y)	(D)	(X)	(D)	(X)
California .....	8.3	4.2	793	528	97	129
Colorado .....	(D)	(D)	(D)	(D)	(D)	(D)
Delaware-Maryland .....	(D)	(D)	(D)	(D)	(D)	(D)
Florida .....	(Y)	0.1	(X)	27	(X)	408
Georgia .....	0.1	0.1	50	59	445	453
Hawaii .....	(D)	(D)	(D)	(D)	(D)	(D)
Idaho .....	2.9	2.8	263	244	90	88
Illinois .....	0.1	0.1	32	38	448	388
Indiana .....	(D)	0.3	(D)	116	(D)	335
Iowa .....	(D)	(D)	(D)	(D)	(D)	(D)
Kansas .....	0.1	(Y)	26	(X)	429	(X)
Kentucky .....	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana .....	(Y)	0.1	(X)	26	(X)	416
Michigan .....	0.1	0.1	30	30	300	300
Minnesota .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Mississippi .....	(Y)	(D)	(X)	(D)	(X)	(D)
Missouri .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Montana .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Nebraska .....	(D)	(D)	(D)	(D)	(D)	(D)
Nevada .....	(D)	(D)	(D)	(D)	(D)	(D)
New England <sup>1</sup> .....	0.2	0.3	49	69	206	246
New Jersey .....	1.9	1.9	697	705	375	378
New Mexico .....	(Y)	(Y)	(X)	(X)	(X)	(X)
New York .....	9.5	9.0	929	770	99	86
North Carolina .....	0.1	0.1	17	22	342	321
North Dakota .....	(D)	(D)	(D)	(D)	(D)	(D)
Ohio .....	17.6	13.1	2,300	1,920	131	147
Oklahoma .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Oregon .....	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania .....	8.7	9.0	3,691	3,826	423	424
South Carolina .....	(Y)	(D)	(X)	(D)	(X)	(D)
South Dakota .....	(Y)	(D)	(X)	(D)	(X)	(D)
Tennessee .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Texas .....	0.2	0.1	68	54	418	415
Utah .....	(D)	(D)	(D)	(D)	(D)	(D)
Virginia .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	(D)	0.9	(D)	79	(D)	87
West Virginia .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	5.0	3.8	2,409	1,843	482	486
Wyoming .....	(D)	(D)	(D)	(D)	(D)	(D)
United States .....	55.5	46.5	11,581	10,510	210	227

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

(Y) Less than level of precision shown.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.



## Commercial Hog Slaughter – States and United States: November 2018 and 2019

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2018	2019	2018	2019	2018	2019
	(1,000 head)	(1,000 head)	(1,000 pounds)	(1,000 pounds)	(pounds)	(pounds)
Alabama .....	3.1	2.0	1,280	773	419	390
Alaska .....	0.1	0.1	26	23	278	285
Arizona .....	(D)	0.1	(D)	29	(D)	266
Arkansas .....	0.5	0.4	134	100	254	270
California .....	194.1	214.5	49,749	54,231	257	253
Colorado .....	1.5	1.6	341	333	228	208
Delaware-Maryland .....	1.7	1.6	476	447	275	272
Florida .....	5.7	5.1	691	677	121	133
Georgia .....	5.9	5.8	1,394	1,420	238	243
Hawaii .....	0.4	0.4	90	95	253	265
Idaho .....	14.8	14.3	3,993	3,800	270	266
Illinois .....	1,052.4	1,107.8	300,485	319,146	286	288
Indiana .....	750.3	773.3	208,977	219,769	279	284
Iowa .....	3,209.9	3,453.1	912,284	992,612	284	288
Kansas .....	(D)	(D)	(D)	(D)	(D)	(D)
Kentucky .....	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana .....	1.0	0.8	180	140	176	169
Michigan .....	224.8	238.3	66,015	71,362	294	300
Minnesota .....	1,049.7	1,025.9	290,249	285,761	277	279
Mississippi .....	3.4	3.2	532	518	154	160
Missouri .....	752.7	752.9	220,066	225,616	293	300
Montana .....	2.3	1.6	656	413	283	261
Nebraska .....	673.4	695.6	190,967	198,407	284	285
Nevada .....	0.1	(Y)	20	(X)	267	(X)
New England <sup>1</sup> .....	3.2	3.0	856	751	271	254
New Jersey .....	8.1	8.3	785	778	97	93
New Mexico .....	0.2	0.2	57	57	291	279
New York .....	2.0	1.7	505	428	255	247
North Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota .....	0.4	0.3	132	91	300	313
Ohio .....	72.3	75.4	20,501	21,456	284	285
Oklahoma .....	488.7	500.6	138,926	139,826	284	279
Oregon .....	13.6	14.4	3,678	3,806	270	264
Pennsylvania .....	287.7	278.8	82,171	80,280	286	288
South Carolina .....	3.4	3.1	768	724	228	234
South Dakota .....	(D)	(D)	(D)	(D)	(D)	(D)
Tennessee .....	82.2	84.3	37,204	38,103	453	452
Texas .....	25.9	28.1	6,224	5,416	241	193
Utah .....	4.6	4.6	780	565	171	124
Virginia .....	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	1.0	1.2	271	313	280	259
West Virginia .....	0.7	0.6	212	182	288	309
Wisconsin .....	60.4	59.3	26,156	25,441	434	431
Wyoming .....	0.2	0.2	59	47	281	300
United States .....	11,040.1	11,330.8	3,149,605	3,261,375	285	288

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

(Y) Less than level of precision shown.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

## Commercial Sheep and Lamb Slaughter – States and United States: November 2018 and 2019

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2018 (1,000 head)	2019 (1,000 head)	2018 (1,000 pounds)	2019 (1,000 pounds)	2018 (pounds)	2019 (pounds)
Alabama .....	0.1	(Y)	8	(X)	117	(X)
Alaska .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Arizona .....	(D)	0.2	(D)	23	(D)	124
Arkansas .....	(Y)	(Y)	(X)	(X)	(X)	(X)
California .....	26.0	22.2	3,785	3,034	146	137
Colorado .....	68.2	60.8	11,028	9,161	162	151
Delaware-Maryland .....	3.4	3.0	316	282	92	94
Florida .....	1.2	1.5	65	85	54	58
Georgia .....	1.9	2.0	119	123	64	62
Hawaii .....	0.1	0.1	8	12	121	115
Idaho .....	0.2	0.1	27	18	135	141
Illinois .....	4.3	4.0	408	352	95	88
Indiana .....	3.9	4.5	461	488	117	108
Iowa .....	0.3	0.2	43	35	165	147
Kansas .....	0.3	0.4	35	43	99	99
Kentucky .....	1.7	1.2	218	147	132	119
Louisiana .....	0.3	0.4	17	18	60	51
Michigan .....	18.3	(D)	2,556	(D)	140	(D)
Minnesota .....	0.5	0.4	49	38	107	91
Mississippi .....	0.9	0.5	54	33	62	67
Missouri .....	0.8	0.7	62	63	81	88
Montana .....	0.6	0.4	81	57	144	127
Nebraska .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Nevada .....	0.1	0.1	17	11	136	139
New England <sup>1</sup> .....	2.9	3.6	275	336	94	95
New Jersey .....	13.1	12.9	1,022	1,014	78	79
New Mexico .....	0.8	0.4	108	58	144	137
New York .....	4.8	5.0	488	498	102	99
North Carolina .....	1.2	1.6	88	113	72	70
North Dakota .....	(Y)	(Y)	(X)	(X)	(X)	(X)
Ohio .....	4.5	4.8	663	758	149	158
Oklahoma .....	0.5	0.7	57	68	113	92
Oregon .....	3.8	3.8	531	504	138	134
Pennsylvania .....	7.4	7.3	743	731	101	100
South Carolina .....	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota .....	0.4	0.4	42	39	119	108
Tennessee .....	0.9	1.2	59	72	68	61
Texas .....	12.4	11.8	1,040	1,082	84	92
Utah .....	1.9	2.0	259	260	136	133
Virginia .....	0.8	0.7	57	56	71	79
Washington .....	1.3	1.2	180	164	137	136
West Virginia .....	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin .....	3.7	1.1	582	149	157	135
Wyoming .....	0.1	0.1	20	19	135	141
United States .....	195.3	179.7	25,820	22,446	132	125

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

(Y) Less than level of precision shown.

<sup>1</sup> New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

## Livestock Slaughtered Under Federal Inspection by Class – United States

[Data may not add to totals due to rounding]

Class	November 2018	October 2019	November 2019	January to November		November 2018	October 2019	November 2019	January to November	
				2018	2019				2018	2019
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)
<b>Cattle</b>										
Steers .....	1,372.2	1,368.7	1,315.2	15,383.1	15,006.8	49.7	46.8	48.0	51.3	49.4
Heifers .....	823.7	912.2	824.7	8,413.2	8,986.7	29.8	31.2	30.1	28.1	29.6
All cows .....	524.6	594.1	550.1	5,678.7	5,865.2	19.0	20.3	20.1	18.9	19.3
Dairy cows .....	268.0	286.1	256.1	2,891.7	2,958.8	9.7	9.8	9.4	9.6	9.7
Other cows .....	256.6	307.9	294.1	2,786.9	2,906.4	9.3	10.5	10.7	9.3	9.6
Bulls .....	41.5	51.1	47.1	499.2	498.2	1.5	1.7	1.7	1.7	1.6
Total .....	2,762.1	2,926.0	2,737.2	29,974.2	30,356.8	100.0	100.0	100.0	100.0	100.0
<b>Calves and vealers</b> .....	54.9	54.6	45.8	518.4	529.5	100.0	100.0	100.0	100.0	100.0
<b>Hogs</b>										
Barrows and gilts .....	10,697.1	11,932.8	11,003.5	110,169.7	114,788.5	97.4	97.5	97.6	97.2	97.4
Sows .....	253.7	277.0	244.2	2,775.6	2,756.4	2.3	2.3	2.2	2.4	2.3
Boars .....	30.8	23.4	29.1	348.4	327.4	0.3	0.2	0.3	0.3	0.3
Total .....	10,981.7	12,233.2	11,276.7	113,293.8	117,872.3	100.0	100.0	100.0	100.0	100.0
<b>Sheep</b>										
Mature sheep .....	8.8	9.9	9.8	96.5	104.6	5.1	5.5	6.2	5.3	5.7
Lambs and yearlings .....	165.3	169.8	149.1	1,727.1	1,743.0	94.9	94.5	93.8	94.7	94.3
Total .....	174.1	179.8	158.9	1,823.6	1,847.5	100.0	100.0	100.0	100.0	100.0

## Federally Inspected Slaughter Average Dressed Weight by Class – United States

[Data may not add to totals due to rounding]

Class	November 2018	October 2019	November 2019	January to November	
				2018	2019
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
<b>Cattle</b> .....	830	823	832	817	812
Steers <sup>1</sup> .....	901	902	911	879	876
Heifers <sup>1</sup> .....	837	830	840	815	811
All cows <sup>1</sup> .....	629	628	627	646	640
Bulls <sup>1</sup> .....	868	855	859	891	880
<b>Calves and vealers</b> .....	120	127	130	131	126
<b>Hogs</b> .....	213	212	215	212	213
Barrows and gilts <sup>2</sup> .....	211	210	213	209	211
Sows <sup>2</sup> .....	302	305	304	305	304
Boars <sup>2</sup> .....	191	223	193	192	196
<b>Sheep</b> .....	68	64	64	70	67
Mature sheep <sup>3</sup> .....	65	65	64	67	65
Lambs and yearlings <sup>3</sup> .....	68	64	64	70	67

<sup>1</sup> Included in cattle average dressed weight.

<sup>2</sup> Included in hog average dressed weight.

<sup>3</sup> Included in sheep average dressed weight.

# Federally Inspected Slaughter – Regions and United States: November 2019

[Data may not add to totals due to rounding]

Standard federal regions <sup>1</sup>	Cattle						Calves	
	Total	Steers	Heifers	Cows			Bulls	Total
				All	Dairy	Other		
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
1 .....	2.4	1.2	(D)	0.3	0.1	0.1	(D)	0.3
2 .....	6.3	1.8	1.5	2.6	2.4	0.3	0.5	10.8
3 .....	98.9	31.0	2.5	60.6	47.8	12.8	4.8	9.3
4 .....	61.7	3.1	1.1	49.9	12.3	37.6	7.5	0.3
5 .....	294.0	134.8	(D)	113.2	67.5	45.8	(D)	17.3
6 .....	487.9	234.4	154.6	90.9	25.9	65.0	8.1	0.1
7 .....	1,156.4	636.1	452.0	58.3	5.9	52.4	10.0	(Y)
8 .....	299.3	152.6	110.6	35.7	7.2	28.4	0.4	(Y)
9 .....	183.1	76.0	21.8	82.2	62.2	19.9	3.2	4.0
10 .....	147.3	44.2	43.5	56.6	24.7	31.9	3.1	3.7
United States .....	2,737.2	1,315.2	824.7	550.1	256.1	294.1	47.1	45.8
	Hogs				Sheep			
	Total	Barrows and gilts	Sows	Boars	Total	Mature sheep	Lambs and yearlings	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	
1 .....	2.7	2.6	(Y)	(Y)	3.3	0.1	3.2	
2 .....	9.9	9.9	(Y)	(Y)	17.5	2.0	15.4	
3 .....	516.6	515.5	(D)	(D)	11.7	1.4	10.3	
4 .....	(D)	(D)	(D)	(D)	7.8	1.0	6.8	
5 .....	3,256.9	3,142.4	110.6	4.0	26.9	2.1	24.9	
6 .....	526.0	526.0	(Y)	(Y)	3.4	0.2	3.2	
7 .....	4,913.6	4,844.8	50.4	18.4	1.0	(Y)	1.0	
8 .....	(D)	(D)	0.3	(Y)	62.2	1.6	60.6	
9 .....	210.1	210.0	(Y)	(Y)	20.9	1.1	19.8	
10 .....	29.5	29.5	(Y)	(Y)	4.1	0.2	3.9	
United States .....	11,276.7	11,003.5	244.2	29.1	158.9	9.8	149.1	

(D) Withheld to avoid disclosing data for individual operations.

(Y) Less than level of precision shown.

<sup>1</sup> States included in regions are as follows: 1 - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont; 2 - New Jersey, New York; 3 - Delaware-Maryland, Pennsylvania, Virginia, West Virginia; 4 - Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee; 5 - Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin; 6 - Arkansas, Louisiana, New Mexico, Oklahoma, Texas; 7 - Iowa, Kansas, Missouri, Nebraska; 8- Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming; 9 - Arizona, California, Hawaii, Nevada; 10 - Alaska, Idaho, Oregon, Washington.

## Federally Inspected Slaughter – Regions and United States: January to November 2019

[Data may not add to totals due to rounding]

Standard federal regions <sup>1</sup>	Cattle							Calves
	Total	Steers	Heifers	Cows			Bulls	Total
				All	Dairy	Other		
(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
1 .....	23.2	9.4	(D)	3.4	1.9	1.5	(D)	2.7
2 .....	73.5	19.4	14.4	32.8	30.4	2.4	6.9	111.6
3 .....	1,062.4	352.3	25.1	639.8	507.4	132.3	45.2	101.8
4 .....	641.2	39.3	12.8	508.3	146.5	361.8	80.8	2.7
5 .....	3,130.9	1,472.8	(D)	1,215.5	778.7	436.7	(D)	191.6
6 .....	5,368.0	2,539.8	1,749.9	987.5	330.8	656.8	90.7	0.9
7 .....	13,284.1	7,462.6	5,074.6	651.5	64.9	586.6	95.4	0.5
8 .....	3,353.3	1,752.8	1,183.3	404.0	89.6	314.4	13.2	0.1
9 .....	1,905.3	848.9	190.0	837.4	694.4	143.1	28.9	75.3
10 .....	1,515.0	509.6	384.7	584.9	314.3	270.6	35.8	42.1
United States .....	30,356.8	15,006.8	8,986.7	5,865.2	2,958.8	2,906.4	498.2	529.5
	Hogs				Sheep			
	Total	Barrows and gilts	Sows	Boars	Total	Mature sheep	Lambs and yearlings	
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
1 .....	27.6	27.1	0.4	0.1	35.6	1.5	34.1	
2 .....	114.9	114.2	0.5	0.2	199.3	20.8	178.5	
3 .....	5,278.9	5,268.7	(D)	(D)	130.9	14.2	116.8	
4 .....	(D)	(D)	(D)	(D)	94.8	11.7	83.2	
5 .....	33,793.7	32,476.0	1,269.4	48.4	310.2	22.8	287.4	
6 .....	5,442.7	5,441.3	1.2	0.2	39.8	4.2	35.5	
7 .....	51,159.3	50,297.0	663.1	199.2	12.7	0.2	12.5	
8 .....	(D)	(D)	5.3	0.2	699.0	15.6	683.3	
9 .....	2,160.4	2,159.9	0.4	0.1	276.2	10.5	265.7	
10 .....	318.9	318.5	0.4	0.1	48.9	3.0	45.9	
United States .....	117,872.3	114,788.5	2,756.4	327.4	1,847.5	104.6	1,743.0	

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> States included in regions are as follows: 1 - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont; 2 - New Jersey, New York; 3 - Delaware-Maryland, Pennsylvania, Virginia, West Virginia; 4 - Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee; 5 - Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin; 6 - Arkansas, Louisiana, New Mexico, Oklahoma, Texas; 7 - Iowa, Kansas, Missouri, Nebraska; 8 - Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming; 9 - Arizona, California, Hawaii, Nevada; 10 - Alaska, Idaho, Oregon, Washington.

## Federally Inspected Slaughter Percent of Total Commercial Slaughter – United States

Species	November 2018	October 2019	November 2019	January to November	
				2018	2019
	(percent)	(percent)	(percent)	(percent)	(percent)
Cattle .....	98.6	98.3	98.7	98.5	98.6
Calves .....	98.9	98.6	98.6	98.4	98.6
Hogs .....	99.5	99.4	99.5	99.4	99.5
Sheep .....	89.1	87.5	88.5	88.4	87.1

## Statistical Methodology

**Data Sources:** Primary data for the *Livestock Slaughter* publication are obtained from electronic reports completed by inspectors from the Food Safety and Inspection Service (FSIS), USDA, which provide daily counts of animals slaughtered in Federally Inspected (FI) plants, in addition to total live and dressed weights. These counts are combined with data from State-administered Non-Federally Inspected (NFI) slaughter plants to derive total commercial slaughter estimates.

There are approximately 800 livestock slaughter plants in the United States operating under Federal Inspection and about 1,900 Non-Federally Inspected (State-inspected or custom-exempt) slaughter plants. Slaughter from State-inspected Talmedge-Aiken plants is included in FI totals (see Terms and Definitions, page 15). To prevent duplication in reporting between FI and NFI plants and assure all FI plants are included, certificates prepared by FSIS identifying operating status are constantly monitored.

**Revision Policy:** Number of head slaughtered, live weights, and dressed weights are subject to revision the following month after the monthly release. Annual totals are published in the slaughter summary each April which includes any revisions made to current and previous year's published data. Revisions are generally the result of late reports received from slaughter plants and are usually less than one-half of one percent. No revisions will be made to the previous year's data after the publication of the annual summary in April.

**Procedures and Reliability:** The livestock slaughter data is obtained electronically on a daily basis and summarized approximately two weeks after the week of slaughter. A computer program compares each plant's data with the historical data for that plant. Data are checked for unusual values for head kill, patterns of kill, average weights, and dressing percent, based on each plant's past operating profile. In addition, the computer program provides a listing of missing reports for follow-up contact with FSIS. Average live and dressed weights and dressing percentages by State are compared with the previous weeks as an additional check. Fluctuations are frequently the result of plants permanently or temporarily closing and a shift in the species reported.

The FSIS District Veterinary Medical Specialists (DVMS) are contacted by e-mail or telephone for missing or potentially erroneous slaughter data. This assures that plants slaughtering a large number of head or several species are accounted for each week. Any corrections FSIS makes to the slaughter data are included in the summary.

Computer imputation may be necessary for incomplete reports. The imputation of live and dressed weights is based on the current week reported data of plants of similar size and location. Imputation for live and dressed weight data for cattle and hogs is less than 10 percent and 7 percent, respectively. The imputation for calves and sheep is more frequent and variable. If no data is received electronically or by other means, for plants slaughtering fewer than 50 total head weekly of only one species, data are imputed. The imputation of head for any plant is based on the historical data for that particular plant. The imputation of head slaughtered is rare but when necessary, the imputed head kill for missing plants usually is less than 1 percent of the United States head kill totals.

FI data are summarized weekly and accumulated to a monthly total for this release. These weekly totals are published by USDA's Agricultural Marketing Service (AMS) in **Livestock, Meat, Wool Market News**, Weekly Summary, and statistics are also available on the NASS website. NFI data are summarized monthly only.

Livestock slaughter estimates are based on a census of operating plants and therefore, have no sampling error. However, they may be subject to non-sampling errors such as omissions, duplications and mistakes in reporting, recording and processing the data. These errors are minimized through rigid quality controls in the computer edit program and summarization process, and a careful review of all reported data for consistency and reasonableness.

No data are published when an individual plant's data could be divulged. If not published, as indicated with a (D), these data are still included in United States and region totals. A review of the data is made annually to determine the publishable data.

## Terms and Definitions Used for Livestock Slaughter Estimates

**Average Live Weight:** The weight of the whole animal, before slaughter. Excludes post-mortem condemnations.

**Commercial Production:** Includes slaughter and meat production in federally inspected and other plants, but excludes animals slaughtered on farms. Based on packers' dressed weights.

**Custom-Exempt Plants:** Plants that do not sell meat but operate on a custom basis only are custom-exempt. The animals and meat are not inspected, but the facilities must meet health standards. These are considered NFI plants and head kill is included in NFI totals.

**Dressed Weight:** The weight of a chilled animal carcass. Beef with kidney knob in; veal with hide off; lamb and mutton with pluck out; pork with leaf fat and kidneys out, jowls on and head off.

**Dressing Percent:** Usually expressed as a percentage yield of chilled carcass in relation to the weight of the live animal on hoof. For example, a live hog that weighed 200 pounds on hoof and yielded a carcass weighing 140 pounds would have a dressing percentage of 70.

**Federally Inspected (FI) Plants:** Plants that transport meat interstate must employ federal inspectors to assure compliance with USDA standards. Any state whose commercial plants operate entirely under federal inspection may still have custom-exempt establishments for which NFI estimates are made.

**Food and Meat Inspection:** Includes examination, checking, or testing of a carcass and/or meat against established government standards and involves checking the facility for cleanliness, health of animals, or parts of animals and quality of the meat produced.

**Non-Federally Inspected (NFI) Plants:** Plants which sell and transport only intrastate. State inspectors assure compliance with individual state standards for these NFI plants. Mobile slaughtering units are excluded and are considered farm slaughter.

**Number of Head:** Includes post-mortem condemnations.

**Plant, Slaughter:** An establishment where animals are killed and butchered.

**Red Meat:** Red meat production is the carcass weight after slaughter excluding condemnation and is comprised of beef, veal, pork, and lamb and mutton. The FI red meat production is equal to the total carcass weight after slaughter. The NFI meat production formula is  $(\text{NFI head kill}) \times (\text{live weight}) \times (\text{FI dressing percentage}) = \text{NFI red meat production}$ .

**Slaughter:** Killing and butchering of animals primarily for food.

**Slaughter, Farm:** Animals slaughtered on farms primarily for home consumption. Excludes custom slaughter for farmers at commercial establishments, but includes mobile slaughtering on farms. These estimates appear only in the annual slaughter release.

**Talmedge-Aiken (TA) Plants:** Slaughter plants in which USDA is responsible for inspection. However, federal inspection is carried out by State employees. These plants are considered to be federally inspected.

**Total Live Weight:** The total weight of live animals, before slaughter. Excludes post-mortem condemnations.

**Wholesome Meat Act:** Legislation that specifies that all meat produced for sale in the United States must be inspected. Meat that is transported interstate must be inspected in compliance with Federal (USDA) Standards.

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov).

Travis Averill, Chief, Livestock Branch .....	(202) 692-0069
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 690-8632
Holly Brenize – Sheep and Goats .....	(202) 720-0585
Donnie Fike – Dairy Products .....	(202) 720-4448
Heidi Lanouette – Cattle, Cattle on Feed .....	(202) 720-3040
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Seth Riggins – Hogs and Pigs .....	(202) 720-3106

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Follow NASS” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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