



Livestock Slaughter

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Record High Red Meat, Beef, and Pork Production for November

November 2017 contained 22 weekdays (including 2 holidays) and 4 Saturdays.

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Commercial red meat production for the United States totaled 4.68 billion pounds in November, up 3 percent from the 4.55 billion pounds produced in November 2017.

Beef production, at 2.31 billion pounds, was 1 percent above the previous year. Cattle slaughter totaled 2.80 million head, up 1 percent from November 2017. The average live weight was down 4 pounds from the previous year, at 1,370 pounds.

Veal production totaled 6.7 million pounds, 4 percent above November a year ago. Calf slaughter totaled 55,500 head, up 31 percent from November 2017. The average live weight was down 50 pounds from last year, at 210 pounds.

Pork production totaled 2.35 billion pounds, up 5 percent from the previous year. Hog slaughter totaled 11.0 million head, up 5 percent from November 2017. The average live weight was down 1 pound from the previous year, at 285 pounds.

Lamb and mutton production, at 12.8 million pounds, was up 4 percent from November 2017. Sheep slaughter totaled 193,200 head, 3 percent above last year. The average live weight was 133 pounds, up 1 pound from November a year ago.

January to November 2018 commercial red meat production was 49.0 billion pounds, up 3 percent from 2017. Accumulated beef production was up 3 percent from last year, veal was up 2 percent, pork was up 3 percent from last year, and lamb and mutton production was up 5 percent.

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Contents

Commercial Red Meat Production – United States	4
Federally Inspected Red Meat Production – United States.....	4
Livestock Slaughter and Average Live Weight – United States.....	5
Commercial Red Meat Production – States and United States	6
Commercial Cattle Slaughter – States and United States: November 2017 and 2018.....	7
Commercial Calf Slaughter – States and United States: November 2017 and 2018	8
Commercial Hog Slaughter – States and United States: November 2017 and 2018	9
Commercial Sheep and Lamb Slaughter – States and United States: November 2017 and 2018.....	10
Livestock Slaughtered Under Federal Inspection by Class – United States	11
Federally Inspected Slaughter Average Dressed Weight by Class – United States	11
Federally Inspected Slaughter – Regions and United States: November 2018.....	12
Federally Inspected Slaughter – Regions and United States: January to November 2018	13
Federally Inspected Slaughter Percent of Total Commercial Slaughter – United States.....	13
Statistical Methodology	14
Terms and Definitions Used for Livestock Slaughter Estimates	15
Information Contacts	16

Commercial Red Meat Production – United States

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

Type	November 2017	October 2018	November 2018	November 2018 as % of		January to November		
				November 2017	October 2018	2017	2018	2018 as % of 2017
	(million pounds)	(million pounds)	(million pounds)	(percent)	(percent)	(million pounds)	(million pounds)	(percent)
Beef	2,290.6	2,429.2	2,313.5	101	95	24,039.2	24,751.6	103
Veal	6.4	7.2	6.7	104	92	67.8	69.3	102
Pork	2,244.9	2,450.2	2,347.9	105	96	23,349.3	24,083.0	103
Lamb and mutton	12.4	13.1	12.8	104	98	132.3	139.3	105
Total red meat	4,554.3	4,899.7	4,680.9	103	96	47,588.6	49,043.2	103

Federally Inspected Red Meat Production – United States

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

Type	November 2017	October 2018	November 2018	November 2018 as % of		January to November		
				November 2017	October 2018	2017	2018	2018 as % of 2017
	(million pounds)	(million pounds)	(million pounds)	(percent)	(percent)	(million pounds)	(million pounds)	(percent)
Beef	2,265.8	2,395.7	2,288.5	101	96	23,732.6	24,444.4	103
Veal	6.3	7.0	6.6	105	93	66.1	67.7	102
Pork	2,233.7	2,436.6	2,337.4	105	96	23,212.7	23,956.0	103
Lamb and mutton	11.4	11.9	11.8	104	100	120.6	127.7	106
Total red meat	4,517.1	4,851.3	4,644.3	103	96	47,132.0	48,595.7	103

Livestock Slaughter and Average Live Weight – United States

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

Species	November 2017	October 2018	November 2018	November 2018 as % of 2017	January to November		
					2017	2018	2018 as % of 2017
				(percent)			(percent)
Cattle							
Number of head							
Federally inspected 1,000	2,726.0	2,908.4	2,762.1	101	29,161.1	29,974.1	103
Other 1,000	36.9	49.3	36.7	100	447.9	446.1	100
Commercial 1,000	2,762.8	2,957.6	2,798.8	101	29,609.0	30,420.2	103
Live weight per head							
Federally inspected .. pounds	1,376	1,366	1,372	100	1,348	1,351	100
Other pounds	1,176	1,187	1,185	101	1,188	1,197	101
Commercial pounds	1,374	1,363	1,370	100	1,346	1,348	100
Calves							
Number of head							
Federally inspected 1,000	41.7	52.9	54.9	132	457.7	518.4	113
Other 1,000	0.8	0.9	0.6	76	8.2	7.8	95
Commercial 1,000	42.5	53.8	55.5	131	465.9	526.2	113
Live weight per head							
Federally inspected .. pounds	258	229	209	81	248	226	91
Other pounds	391	382	373	95	393	379	97
Commercial pounds	260	232	210	81	251	228	91
Hogs							
Number of head							
Federally inspected 1,000	10,486.6	11,570.9	10,981.5	105	110,116.2	113,293.5	103
Other 1,000	62.0	72.6	58.0	94	740.4	682.6	92
Commercial 1,000	10,548.6	11,643.4	11,039.5	105	110,856.6	113,976.1	103
Live weight per head							
Federally inspected .. pounds	286	283	286	100	282	283	100
Other pounds	250	258	248	99	253	255	101
Commercial pounds	286	283	285	100	282	283	100
Sheep and lambs							
Number of head							
Federally inspected 1,000	167.3	176.1	174.1	104	1,767.1	1,823.5	103
Other 1,000	20.0	23.7	19.2	96	222.9	224.9	101
Commercial 1,000	187.4	199.9	193.2	103	1,990.0	2,048.5	103
Live weight per head							
Federally inspected .. pounds	136	134	136	100	136	140	103
Other pounds	100	104	104	105	108	106	98
Commercial pounds	132	131	133	100	133	136	102
Goats							
Number of head							
Federally inspected 1,000	42.4	46.0	46.3	109	442.1	464.0	105
Other 1,000	9.6	9.9	9.1	95	99.0	90.7	92
Commercial 1,000	52.0	55.8	55.4	107	541.0	554.6	103
Live weight per head							
Federally inspected .. pounds	63	66	65	103	63	64	103
Other pounds	84	81	78	93	82	81	99
Commercial pounds	67	68	67	100	66	67	101
Bison							
Number of head							
Federally inspected 1,000	4.3	4.4	4.4	101	48.4	47.4	98
Other 1,000	0.5	0.5	0.5	109	6.2	5.2	85
Commercial 1,000	4.8	4.9	4.9	102	54.6	52.6	96

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 2017	October 2018	November 2018	November 2018 as % of 2017
	(million pounds)	(million pounds)	(million pounds)	(percent)
Alabama	1.3	1.4	1.1	86
Alaska	0.1	0.1	0.1	78
Arizona	40.4	44.0	38.9	96
Arkansas	0.3	0.4	0.2	82
California	127.5	130.6	128.9	101
Colorado	197.1	202.5	195.4	99
Delaware-Maryland	3.1	3.4	3.1	98
Florida	2.2	2.5	2.3	107
Georgia	13.3	15.2	13.2	99
Hawaii	0.7	0.7	0.7	100
Idaho	21.1	30.1	29.2	139
Illinois	296.1	312.9	287.4	97
Indiana	159.0	161.1	158.2	99
Iowa	645.3	725.0	705.3	109
Kansas	514.1	522.8	504.3	98
Kentucky	49.0	50.8	48.8	100
Louisiana	0.4	0.4	0.4	101
Michigan	74.2	92.1	86.3	116
Minnesota	235.4	258.7	248.1	105
Mississippi	0.5	0.6	0.6	105
Missouri	171.5	179.8	166.1	97
Montana	1.5	2.0	1.7	118
Nebraska	711.2	734.4	715.5	101
Nevada	0.1	0.1	0.1	99
New England ¹	2.3	2.6	2.3	99
New Jersey	3.1	3.4	3.3	108
New Mexico	0.3	0.3	0.3	103
New York	3.0	3.8	3.3	108
North Carolina	219.4	243.2	233.8	107
North Dakota	0.6	0.7	0.5	80
Ohio	19.4	25.0	20.3	105
Oklahoma	99.9	104.1	106.3	106
Oregon	5.7	4.7	4.0	71
Pennsylvania	109.7	137.5	127.9	117
South Carolina	9.6	9.5	9.3	96
South Dakota	127.3	145.0	133.9	105
Tennessee	26.2	26.8	25.7	98
Texas	383.9	419.2	396.1	103
Utah	47.3	53.1	49.7	105
Virginia	46.5	50.2	48.6	105
Washington	80.2	85.9	77.4	96
West Virginia	0.8	1.2	0.9	112
Wisconsin	103.5	111.2	100.9	97
Wyoming	0.3	0.2	0.4	112
United States	4,554.3	4,899.7	4,680.9	103

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Commercial Cattle Slaughter – States and United States: November 2017 and 2018

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2017 (1,000 head)	2018 (1,000 head)	2017 (1,000 pounds)	2018 (1,000 pounds)	2017 (pounds)	2018 (pounds)
Alabama	0.5	0.4	545	436	1,053	1,042
Alaska	0.1	0.1	76	83	988	1,057
Arizona	48.6	45.1	67,506	62,843	1,391	1,395
Arkansas	0.3	0.3	288	225	964	882
California	117.0	122.5	157,447	163,379	1,355	1,343
Colorado	217.6	211.6	304,732	300,427	1,402	1,421
Delaware-Maryland	3.3	3.2	4,370	4,308	1,319	1,338
Florida	3.1	(D)	3,623	(D)	1,190	(D)
Georgia	(D)	(D)	(D)	(D)	(D)	(D)
Hawaii	0.9	1.0	1,056	1,046	1,177	1,074
Idaho	29.1	40.0	36,045	51,161	1,254	1,292
Illinois	(D)	(D)	(D)	(D)	(D)	(D)
Indiana	2.4	2.4	2,728	2,704	1,117	1,149
Iowa	(D)	(D)	(D)	(D)	(D)	(D)
Kansas	576.2	570.6	795,031	783,222	1,380	1,373
Kentucky	1.2	2.0	1,221	2,051	1,023	1,038
Louisiana	0.4	0.4	334	357	811	829
Michigan	49.0	46.7	68,672	64,148	1,413	1,384
Minnesota	(D)	(D)	(D)	(D)	(D)	(D)
Mississippi	0.2	0.3	182	259	739	808
Missouri	1.9	2.0	2,196	2,385	1,153	1,204
Montana	1.5	2.0	1,927	2,361	1,323	1,210
Nebraska	631.9	642.0	914,486	929,173	1,448	1,449
Nevada	0.2	0.2	174	171	1,029	1,000
New England ¹	2.2	2.5	2,496	2,730	1,123	1,106
New Jersey	3.0	3.4	3,331	3,776	1,101	1,112
New Mexico	0.4	0.3	416	359	1,095	1,063
New York	3.1	3.3	3,720	3,919	1,203	1,198
North Carolina	5.7	6.0	6,942	7,310	1,229	1,234
North Dakota	0.6	0.5	781	628	1,287	1,300
Ohio	4.4	5.1	5,104	6,583	1,167	1,302
Oklahoma	1.7	2.0	1,773	2,093	1,021	1,039
Oregon	(D)	1.5	(D)	1,736	(D)	1,122
Pennsylvania	70.9	91.9	84,544	111,038	1,197	1,213
South Carolina	14.7	14.7	17,931	17,361	1,228	1,185
South Dakota	36.1	36.8	51,167	52,462	1,424	1,431
Tennessee	6.2	1.7	5,694	1,624	947	989
Texas	478.2	494.7	625,445	643,303	1,312	1,304
Utah	55.3	58.1	76,297	79,312	1,382	1,368
Virginia	1.5	1.3	1,558	1,343	1,051	1,064
Washington	94.8	90.6	132,637	126,840	1,402	1,404
West Virginia	1.1	1.3	1,058	1,272	949	965
Wisconsin	114.7	112.5	159,066	154,834	1,394	1,384
Wyoming	0.4	0.4	445	501	1,109	1,135
United States	2,762.8	2,798.8	3,786,566	3,825,980	1,374	1,370

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

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Commercial Calf Slaughter – States and United States: November 2017 and 2018

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2017 (1,000 head)	2018 (1,000 head)	2017 (1,000 pounds)	2018 (1,000 pounds)	2017 (pounds)	2018 (pounds)
Alabama	(Y)	(Y)	(X)	(X)	(X)	(X)
Alaska	(Y)	(Y)	(X)	(X)	(X)	(X)
Arizona	(Y)	(D)	(X)	(D)	(X)	(D)
Arkansas	(D)	(D)	(D)	(D)	(D)	(D)
California	6.7	8.3	640	819	97	100
Colorado	(D)	(D)	(D)	(D)	(D)	(D)
Delaware-Maryland	(D)	(D)	(D)	(D)	(D)	(D)
Florida	0.1	(Y)	23	(X)	304	(X)
Georgia	0.1	0.1	57	50	483	445
Hawaii	(D)	(D)	(D)	(D)	(D)	(D)
Idaho	2.3	2.9	190	263	81	90
Illinois	0.1	0.1	22	32	358	448
Indiana	(D)	(D)	(D)	(D)	(D)	(D)
Iowa	(D)	(D)	(D)	(D)	(D)	(D)
Kansas	(Y)	0.1	(X)	26	(X)	429
Kentucky	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana	(D)	(Y)	(D)	(X)	(D)	(X)
Michigan	0.1	0.1	31	30	303	300
Minnesota	(Y)	(Y)	(X)	(X)	(X)	(X)
Mississippi	(Y)	(Y)	(X)	(X)	(X)	(X)
Missouri	(Y)	(Y)	(X)	(X)	(X)	(X)
Montana	(Y)	(Y)	(X)	(X)	(X)	(X)
Nebraska	(Y)	(D)	(X)	(D)	(X)	(D)
Nevada	(D)	(D)	(D)	(D)	(D)	(D)
New England ¹	0.3	0.2	62	48	194	205
New Jersey	1.9	1.9	720	697	374	375
New Mexico	(Y)	(Y)	(X)	(X)	(X)	(X)
New York	5.1	9.5	516	929	103	99
North Carolina	0.1	(Y)	40	(X)	406	(X)
North Dakota	(D)	(D)	(D)	(D)	(D)	(D)
Ohio	10.3	17.6	1,903	2,300	185	131
Oklahoma	(Y)	(Y)	(X)	(X)	(X)	(X)
Oregon	(D)	(D)	(D)	(D)	(D)	(D)
Pennsylvania	8.9	8.7	3,790	3,689	428	423
South Carolina	(D)	(Y)	(D)	(X)	(D)	(X)
South Dakota	(D)	(Y)	(D)	(X)	(D)	(X)
Tennessee	(Y)	(Y)	(X)	(X)	(X)	(X)
Texas	0.2	0.2	106	68	428	418
Utah	(D)	(D)	(D)	(D)	(D)	(D)
Virginia	0.1	(D)	15	(D)	256	(D)
Washington	(D)	(D)	(D)	(D)	(D)	(D)
West Virginia	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin	5.3	5.0	2,589	2,409	493	482
Wyoming	(D)	(D)	(D)	(D)	(D)	(D)
United States	42.5	55.5	10,991	11,602	260	210

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

(X) Not applicable.

(Y) Less than level of precision shown.

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Commercial Hog Slaughter – States and United States: November 2017 and 2018

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2017	2018	2017	2018	2017	2018
	(1,000 head)	(1,000 head)	(1,000 pounds)	(1,000 pounds)	(pounds)	(pounds)
Alabama	3.6	3.1	1,465	1,280	408	419
Alaska	0.2	0.1	57	26	297	278
Arizona	(D)	(D)	(D)	(D)	(D)	(D)
Arkansas	0.6	0.5	161	134	255	254
California	208.3	194.4	53,465	49,874	257	257
Colorado	1.6	1.5	368	341	238	228
Delaware-Maryland	1.8	1.7	503	476	272	275
Florida	5.6	5.7	622	691	112	121
Georgia	5.5	5.9	1,344	1,394	245	238
Hawaii	0.4	0.4	90	90	233	253
Idaho	14.7	15.0	3,929	4,045	268	270
Illinois	1,069.1	1,052.4	306,199	300,483	286	286
Indiana	744.7	750.3	209,615	208,969	282	279
Iowa	2,912.0	3,210.0	832,486	912,304	286	284
Kansas	(D)	(D)	(D)	(D)	(D)	(D)
Kentucky	(D)	(D)	(D)	(D)	(D)	(D)
Louisiana	1.0	1.0	187	180	182	176
Michigan	151.9	224.8	45,985	66,015	303	294
Minnesota	985.5	1,049.5	271,725	290,187	276	277
Mississippi	(D)	3.4	(D)	532	(D)	154
Missouri	776.8	752.7	227,096	220,066	292	293
Montana	1.6	1.6	448	403	280	251
Nebraska	696.3	673.5	195,360	190,999	281	284
Nevada	0.1	0.1	24	20	275	267
New England ¹	3.8	3.2	1,033	860	269	270
New Jersey	8.6	8.1	846	787	98	97
New Mexico	0.2	0.2	40	57	264	291
New York	2.3	2.0	559	504	244	255
North Carolina	(D)	(D)	(D)	(D)	(D)	(D)
North Dakota	0.5	0.4	150	132	298	300
Ohio	73.9	72.3	21,008	20,499	285	284
Oklahoma	469.6	488.7	129,947	138,926	277	284
Oregon	15.0	13.6	4,032	3,679	269	270
Pennsylvania	281.4	287.8	76,873	82,188	273	286
South Carolina	(D)	3.4	(D)	768	(D)	228
South Dakota	(D)	(D)	(D)	(D)	(D)	(D)
Tennessee	76.3	82.2	34,882	37,204	458	453
Texas	24.0	25.7	5,878	6,173	245	240
Utah	5.3	4.6	891	780	168	171
Virginia	(D)	(D)	(D)	(D)	(D)	(D)
Washington	0.9	1.0	256	272	279	280
West Virginia	0.8	0.7	236	212	296	288
Wisconsin	59.7	60.1	26,260	26,070	441	435
Wyoming	0.2	0.2	63	59	290	281
United States	10,548.6	11,039.5	3,010,923	3,149,396	286	285

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

¹ New England includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Commercial Sheep and Lamb Slaughter – States and United States: November 2017 and 2018

[Data may not add to totals due to rounding]

State	Slaughtered		Total live weight		Average live weight	
	2017 (1,000 head)	2018 (1,000 head)	2017 (1,000 pounds)	2018 (1,000 pounds)	2017 (pounds)	2018 (pounds)
Alabama	0.1	0.1	8	9	63	115
Alaska	(Y)	(Y)	(X)	(X)	(X)	(X)
Arizona	(D)	(D)	(D)	(D)	(D)	(D)
Arkansas	(Y)	(Y)	(X)	(X)	(X)	(X)
California	25.5	26.0	3,615	3,733	142	144
Colorado	70.0	68.2	11,070	11,028	158	162
Delaware-Maryland	3.9	3.4	361	316	92	92
Florida	0.8	1.2	51	65	63	54
Georgia	1.2	1.9	80	119	69	64
Hawaii	(D)	0.1	(D)	8	(D)	121
Idaho	0.2	0.2	29	28	139	135
Illinois	4.4	4.3	413	408	94	95
Indiana	3.2	3.9	377	461	117	117
Iowa	0.4	0.4	56	56	158	159
Kansas	0.4	0.3	42	35	102	99
Kentucky	1.5	1.7	194	218	131	132
Louisiana	0.3	0.3	14	17	52	60
Michigan	19.2	18.3	2,698	2,556	141	140
Minnesota	0.4	0.5	39	50	98	105
Mississippi	0.8	0.9	46	54	58	62
Missouri	0.9	0.8	71	62	82	81
Montana	0.3	0.5	46	59	145	124
Nebraska	(Y)	(Y)	(X)	(X)	(X)	(X)
Nevada	0.1	0.1	17	17	141	136
New England ¹	3.0	2.9	279	276	95	94
New Jersey	11.0	13.0	871	1,020	79	78
New Mexico	0.5	0.8	69	108	143	144
New York	5.1	4.8	525	486	103	101
North Carolina	1.2	1.2	85	88	71	72
North Dakota	(Y)	(Y)	(X)	(X)	(X)	(X)
Ohio	3.2	4.5	408	663	128	149
Oklahoma	0.7	0.5	67	57	99	113
Oregon	3.3	3.9	455	532	140	138
Pennsylvania	6.7	7.4	729	745	108	101
South Carolina	(D)	(D)	(D)	(D)	(D)	(D)
South Dakota	0.4	0.4	58	42	162	119
Tennessee	1.1	0.9	83	59	74	68
Texas	10.5	10.3	872	874	83	85
Utah	1.9	1.9	255	259	137	136
Virginia	0.7	0.8	52	57	75	71
Washington	1.3	1.3	182	178	138	137
West Virginia	(D)	(D)	(D)	(D)	(D)	(D)
Wisconsin	1.6	3.7	245	574	153	157
Wyoming	0.1	0.1	14	20	136	135
United States	187.4	193.2	24,699	25,586	132	133

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

(X) Not applicable.

(Y) Less than level of precision shown.

¹ 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 2017	October 2018	November 2018	January to November		November 2017	October 2018	November 2018	January to November	
				2017	2018				2017	2018
	(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)
Cattle										
Steers	1,368.4	1,449.2	1,372.2	15,485.9	15,383.0	50.2	49.8	49.7	53.1	51.3
Heifers	804.8	841.6	823.7	7,875.2	8,413.2	29.5	28.9	29.8	27.0	28.1
All cows	508.2	567.4	524.6	5,291.3	5,678.7	18.6	19.5	19.0	18.1	18.9
Dairy cows	243.7	288.2	268.0	2,741.1	2,891.7	8.9	9.9	9.7	9.4	9.6
Other cows	264.4	279.1	256.6	2,550.2	2,786.9	9.7	9.6	9.3	8.7	9.3
Bulls	44.6	50.1	41.5	508.6	499.2	1.6	1.7	1.5	1.7	1.7
Total	2,726.0	2,908.4	2,762.1	29,161.1	29,974.1	100.0	100.0	100.0	100.0	100.0
Calves and vealers	41.7	52.9	54.9	457.7	518.4	100.0	100.0	100.0	100.0	100.0
Hogs										
Barrows and gilts	10,204.8	11,254.6	10,696.9	107,068.9	110,169.5	97.3	97.3	97.4	97.2	97.2
Sows	249.7	279.3	253.8	2,710.2	2,775.6	2.4	2.4	2.3	2.5	2.4
Boars	32.0	36.9	30.8	337.2	348.4	0.3	0.3	0.3	0.3	0.3
Total	10,486.6	11,570.9	10,981.5	110,116.2	113,293.5	100.0	100.0	100.0	100.0	100.0
Sheep										
Mature sheep	8.0	9.3	8.8	93.9	96.5	4.8	5.3	5.0	5.3	5.3
Lambs and yearlings	159.3	166.9	165.3	1,673.2	1,727.0	95.2	94.7	95.0	94.7	94.7
Total	167.3	176.1	174.1	1,767.1	1,823.5	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 2017	October 2018	November 2018	January to November	
				2017	2018
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
Cattle	833	826	830	816	817
Steers ¹	903	898	901	875	879
Heifers ¹	837	830	837	809	815
All cows ¹	633	629	629	642	646
Bulls ¹	874	868	868	897	891
Calves and vealers	151	134	120	145	131
Hogs	213	211	213	211	212
Barrows and gilts ²	211	208	211	208	209
Sows ²	307	305	302	308	305
Boars ²	195	185	191	201	192
Sheep	68	67	68	68	70
Mature sheep ³	66	66	65	68	67
Lambs and yearlings ³	68	68	68	68	70

¹ Included in cattle average dressed weight.

² Included in hog average dressed weight.

³ Included in sheep average dressed weight.

Federally Inspected Slaughter – Regions and United States: November 2018

[Data may not add to totals due to rounding]

Standard federal regions ¹	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	2.2	0.9	0.8	0.3	0.2	0.1	0.2	0.2
2	6.6	1.8	1.3	2.9	2.6	0.3	0.6	11.3
3	94.7	31.6	1.5	58.0	46.1	11.9	3.6	9.0
4	49.1	3.3	1.1	38.1	12.3	25.7	6.7	0.2
5	274.4	121.2	(D)	113.0	74.6	38.4	(D)	23.0
6	493.3	243.9	147.8	94.0	30.5	63.5	7.6	0.1
7	1,238.2	686.6	484.0	58.4	6.7	51.7	9.2	0.1
8	304.1	172.1	(D)	29.4	7.9	21.5	(D)	(Y)
9	168.3	71.3	15.5	79.1	63.9	15.2	2.3	8.1
10	131.2	39.3	37.6	51.5	23.3	28.2	2.8	2.9
United States	2,762.1	1,372.2	823.7	524.6	268.0	256.6	41.5	54.9
	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	2.8	2.8	(Y)	(Y)	2.7	0.2	2.6	
2	9.9	9.8	(Y)	(Y)	17.4	1.7	15.6	
3	513.1	511.9	(D)	(D)	12.4	1.1	11.3	
4	(D)	(D)	(D)	(D)	8.0	1.0	7.0	
5	3,184.4	3,073.2	106.7	4.5	29.9	2.0	27.9	
6	511.0	511.0	0.1	(Y)	3.8	0.5	3.3	
7	4,649.1	4,571.5	58.5	19.1	1.0	(Y)	1.0	
8	(D)	(D)	0.4	(Y)	69.7	1.4	68.4	
9	190.6	190.5	(Y)	(Y)	24.8	0.7	24.1	
10	29.0	29.0	(Y)	(Y)	4.2	0.2	4.0	
United States	10,981.5	10,696.9	253.8	30.8	174.1	8.8	165.3	

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

(Y) Less than level of precision shown.

¹ 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 2018

[Data may not add to totals due to rounding]

Standard federal regions ¹	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	20.4	8.4	5.5	4.6	2.1	2.5	2.0	2.3
2	71.6	19.4	13.0	33.0	31.0	1.9	6.3	104.9
3	1,020.3	349.0	20.8	607.2	483.8	123.4	43.2	93.8
4	566.3	38.8	12.6	441.5	134.1	307.4	73.5	3.1
5	3,034.9	1,440.3	(D)	1,175.9	774.5	401.4	(D)	201.6
6	5,376.3	2,696.9	1,548.6	1,036.8	311.6	725.2	94.0	1.0
7	13,375.3	7,722.1	4,896.9	649.9	58.7	591.2	106.4	0.4
8	3,313.9	1,845.8	(D)	339.7	87.3	252.3	(D)	(Y)
9	1,807.2	754.6	150.6	869.9	719.0	150.9	32.1	81.9
10	1,388.0	507.9	327.8	520.3	289.7	230.6	32.1	29.3
United States	29,974.1	15,383.0	8,413.2	5,678.7	2,891.7	2,786.9	499.2	518.4
	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	28.7	28.1	0.5	0.1	27.7	1.3	26.4	
2	116.8	116.0	0.7	0.2	188.7	16.6	172.1	
3	5,310.0	5,298.4	(D)	(D)	139.4	13.6	125.8	
4	(D)	(D)	(D)	(D)	81.6	12.4	69.2	
5	33,369.3	32,037.7	1,280.5	51.1	315.6	22.0	293.6	
6	5,372.0	5,368.4	1.7	1.9	41.5	6.0	35.5	
7	47,717.0	46,817.7	687.1	212.3	12.7	0.4	12.3	
8	(D)	(D)	6.7	0.6	689.4	15.0	674.5	
9	1,897.6	1,896.8	0.7	0.1	280.2	6.9	273.3	
10	315.0	314.3	0.5	0.1	46.6	2.3	44.3	
United States	113,293.5	110,169.5	2,775.6	348.4	1,823.5	96.5	1,727.0	

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

(Y) Less than level of precision shown.

¹ 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 2017	October 2018	November 2018	January to November	
				2017	2018
	(percent)	(percent)	(percent)	(percent)	(percent)
Cattle	98.7	98.3	98.7	98.5	98.5
Calves	98.1	98.4	98.9	98.2	98.5
Hogs	99.4	99.4	99.5	99.3	99.4
Sheep	89.3	88.1	90.1	88.8	89.0

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@nass.usda.gov.

Travis Averill, Chief, Livestock Branch	(202) 720-3570
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 Gleich – 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.

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