

Livestock Slaughter



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released June 21, 1991, by the Agricultural Statistics Board. Estimates refer to May 1991.

Red Meat Production Declined

Commercial red meat production for the United States totaled 3.29 billion pounds, 1 percent below a year earlier.

May 1991 contained 23 weekdays (including one holiday) and four Saturdays. May 1990 consisted of 23 weekdays (including one holiday) and four Saturdays.

Beef production totaled 1.95 billion pounds. This was down 3 percent from a year earlier. The head kill totaled 2.85 million, down 5 percent. The average live weight increased 31 pounds to 1,140.

Veal production at 23.0 million pounds was down 9 percent. Calf slaughter totaled 105,200 head, down 25 percent. The average live weight increased 83 pounds to 371.

Pork production at 1.29 billion pounds was up 3 percent. Hog kill totaled 7.13 million head, up 2 percent from last year. The average live weight increased 3 pounds to 253.

Lamb and mutton production at 30.0 million pounds was down 3 percent from last year. Slaughter totaled 460,700 head, down 4 percent. The average live weight increased 1 pound to 129.

January-May red meat production was 16.0 billion pounds and was up 1 percent from the comparable period a year earlier. Accumulated beef production was down 1 percent while veal, pork, and lamb and mutton were each up 2 percent.

The contents for this report is located on page 2. For additional information, call Linda Simpson (202) 447-3578. Office hours are 8:00 to 4:30 ET.

Contents

Table Title and General Information	Page
Red Meat Production, Commercial and FI, by Kind, U.S.....	3
Livestock Slaughter, Number and Average Weights, by Species and Type of Slaughter, U.S.....	4
Commercial Red Meat Production, by State and U.S.....	5
Commercial Cattle Slaughter, Number, Total, and Average Live weight, by State and U.S.....	6
Commercial Calf Slaughter, Number, Total, and Average Live weight, by State and U.S.....	7
Commercial Hog Slaughter, Number, Total and Average Live weight, by State and U.S.....	8
Commercial Sheep and Lamb Slaughter, Number, Total, and Average Live weight, by State and U.S.....	9
Federally Inspected Classification of Number and Average Dressed Weight, by Species and Class, U.S.....	10
Federally Inspected Number by Species and Class, by Regions.....	11
Federally Inspected Number by Species and Class, by Regions, Year-to-Date.....	12
Federally Inspected Percent of Total Commercial, by Species.....	13
Data Sources, Revision Policy, and Procedures and Reliability.....	14
Procedures and Reliability (continued).....	15
Types of Plants, Terms and Definitions.....	16
Terms and Definitions (continued).....	17

Commercial Red Meat Production: United States 1/

Kind	: May 91 % of:			Jan - May <u>2/</u>				
	: May 1990	: Apr 1991	: May 1991	: May 1990	: Apr 1991	: 1990	: 1991	: 91 as % of 90
	: -- Million Pounds --			Percent		Million Pounds		Percent
Beef	: 2,007	: 1,872	: 1,948	97	104	9,263	9,203	99
Veal	: 25	: 23	: 23	91	100	126	129	102
Pork	: 1,257	: 1,361	: 1,291	103	95	6,410	6,551	102
Lamb & Mutton	: 31	: 29	: 30	97	103	154	157	102
Total Red Meat	: 3,321	: 3,285	: 3,291	99	100	15,954	16,040	101

1/ Based on packers' dressed weights and excludes farm slaughter.

2/ Accumulated totals and percentages based on unrounded data.

Federally Inspected Red Meat Production: United States 1/

Kind	: May 91 % of:			Jan - May <u>2/</u>				
	: May 1990	: Apr 1991	: May 1991	: May 1990	: Apr 1991	: 1990	: 1991	: 91 as % of 90
	: -- Million Pounds --			Percent		Million Pounds		Percent
Beef	: 1,965	: 1,833	: 1,910	97	104	9,063	9,011	99
Veal	: 24	: 23	: 23	93	100	121	125	104
Pork	: 1,229	: 1,332	: 1,262	103	95	6,263	6,404	102
Lamb & Mutton	: 30	: 28	: 29	96	103	151	153	101
Total Red Meat	: 3,248	: 3,216	: 3,223	99	100	15,598	15,693	101

1/ Based on packers' dressed weights and excludes farm slaughter.

2/ Accumulated totals and percentages based on unrounded data.

Livestock Slaughter: Number and Average Weights, United States 1/

Species	Unit	: May 91 % of:			Jan - May <u>2/</u>					
		May 1990	Apr 1991	May 1991	May 1990	Apr 1991	1990	1991	1991	:91 % of 90

					Percent				P'cnt	
Cattle No.										
Fed. Insp.	:Thou:	2,919.7	2,672.8	2,785.3	95	104	13,372.4	13,115.9	98	
Other	:Thou:	73.6	67.8	65.7	89	97	354.9	335.4	95	
Comm'l. <u>3/</u>	:Thou:	2,993.4	2,740.6	2,851.0	95	104	13,727.2	13,451.3	98	
Live Wt/Hd										
Fed. Insp.	:Lbs :	1,112	1,148	1,143	102	99	1,137	1,153	101	
Other	:Lbs :	988	998	1,011	102	101	990	1,006	102	
Comm'l. <u>3/</u>	:Lbs :	1,109	1,145	1,140	103	100	1,132	1,149	101	
Calves No.										
Fed. Insp.	:Thou:	136.8	106.0	102.6	75	97	749.0	600.7	80	
Other	:Thou:	3.8	2.5	2.6	69	103	19.8	14.8	75	
Comm'l. <u>3/</u>	:Thou:	140.6	108.5	105.2	75	97	768.8	615.5	80	
Live Wt/Hd										
Fed. Insp.	:Lbs :	285	359	371	130	103	264	347	131	
Other	:Lbs :	405	386	388	96	101	422	384	91	
Comm'l. <u>3/</u>	:Lbs :	288	362	371	129	102	269	348	129	
Hogs No.										
Fed. Insp.	:Thou:	6,799.3	7,319.8	6,948.1	102	95	34,917.8	35,242.0	101	
Other	:Thou:	181.2	174.9	181.4	100	104	907.5	889.3	98	
Comm'l. <u>3/</u>	:Thou:	6,980.5	7,494.7	7,129.5	102	95	35,825.3	36,131.2	101	
Live Wt/Hd										
Fed. Insp.	:Lbs :	251	252	254	101	100	249	252	100	
Other	:Lbs :	224	234	231	103	99	230	235	102	
Comm'l. <u>3/</u>	:Lbs :	250	252	253	101	101	249	251	101	
Sheep&Lambs No.										
Fed. Insp.	:Thou:	465.5	436.1	442.5	95	101	2,322.5	2,368.6	102	
Other	:Thou:	13.2	20.6	18.2	138	88	66.9	83.4	125	
Comm'l. <u>3/</u>	:Thou:	478.7	456.7	460.7	96	101	2,389.4	2,452.0	103	
Live Wt/Hd										
Fed. Insp.	:Lbs :	129	127	130	101	102	129	128	99	
Other	:Lbs :	102	97	102	100	106	101	101	100	
Comm'l. <u>3/</u>	:Lbs :	128	127	129	101	102	128	128	100	

1/ Excludes slaughter on farms.

2/ Accumulated totals and percentages based on unrounded data.

3/ Totals may not equal sum of the parts due to rounding.

Commercial Red Meat Production: By State and United States 1/

State	May	Apr	May	May 91 as % of	
	1990	1991	1991	May 1990	Apr 1991
	1,000 Pounds			Percent	
AL	20,088	17,609	18,313	91	104
AZ	20,652	20,301	22,850	111	113
AR	5,123	6,372	6,184	121	97
CA	103,261	90,925	92,883	90	102
CO	141,968	132,115	150,296	106	114
DE-MD	6,418	6,348	6,339	99	100
FL	7,388	3,064	3,024	41	99
GA	32,120	36,920	37,697	117	102
HI	3,160	3,271	3,153	100	96
ID	37,549	36,537	36,154	96	99
IL	220,149	208,576	198,537	90	95
IN	61,398	55,979	54,010	88	96
IA	504,988	544,866	537,087	106	99
KS	401,323	367,665	376,756	94	102
KY	47,210	46,562	48,964	104	105
LA	3,261	2,566	2,648	81	103
MI	76,241	74,769	71,220	93	95
MN	137,753	178,615	174,917	127	98
MS	34,314	32,156	31,129	91	97
MO	68,733	49,664	23,810	35	48
MT	1,327	1,336	1,376	104	103
NE	446,155	450,368	465,071	104	103
NV	132	124	160	122	129
N ENG <u>2/</u>	3,611	3,510	3,470	96	99
NJ	2,382	2,608	2,632	111	101
NM	7,584	6,873	6,839	90	100
NY	7,404	6,716	6,741	91	100
NC	45,777	44,022	42,894	94	97
ND	10,414	10,655	10,969	105	103
OH	52,464	54,861	55,002	105	100
OK	5,227	4,474	5,001	96	112
OR	5,410	3,823	4,017	74	105
PA	87,380	88,931	89,242	102	100
SC	14,343	14,272	13,908	97	97
SD	106,907	104,224	102,933	96	99
TN	15,589	14,627	13,516	87	92
TX	345,532	337,670	349,455	101	103
UT	33,070	31,869	32,060	97	101
VA	64,873	71,406	66,597	103	93
WA	55,020	48,093	49,678	90	103
WV	1,021	1,350	1,443	141	107
WI	75,454	67,835	72,077	96	106
WY	360	292	264	73	90
US	3,320,534	3,284,820	3,291,316	99	100

1/ Includes total beef, veal, pork, lamb and mutton.

2/ N ENG includes CT, ME, MA, NH, RI, and VT.

Commercial Cattle Slaughter: By States and United States,
May 1990 and 1991 ^{1/}

State	Number Slaughtered		Total Live Weight		Average Live Weight	
	1990	1991	1990	1991	1990	1991
	-- 1,000 Head --		-- 1,000 Pounds --		---- Pounds ----	
AL						
AZ	31.3	33.5	32,732	38,187	1,045	1,139
AR	2.9	2.7	2,662	2,585	903	963
CA	109.1	95.3	130,349	116,945	1,195	1,227
CO	195.1	202.6	203,197	230,373	1,042	1,137
DE-MD	3.7	3.6	4,454	4,332	1,196	1,202
FL	11.3	4.4	10,953	4,385	971	993
GA						
HI	4.4	4.4	4,349	4,453	987	1,021
ID						
IL						
IN	9.6	6.0	10,442	6,291	1,089	1,047
IA	165.8	140.7	190,308	163,548	1,148	1,162
KS	567.5	524.5	625,706	585,636	1,103	1,116
KY	10.2	7.2	8,508	7,659	832	1,070
LA	3.7	3.1	3,011	2,492	813	807
MI						
MN	88.8	91.6	105,395	111,588	1,187	1,218
MS	10.6	9.1	9,658	8,856	908	977
MO	25.8	22.0	27,976	25,064	1,082	1,140
MT	1.7	1.5	1,794	1,853	1,086	1,216
NE	539.9	553.8	604,365	633,229	1,119	1,143
NV	.1	.2	135	178	1,015	1,110
N ENG ^{2/}	4.4	4.4	4,722	4,784	1,064	1,094
NJ	1.7	1.8	2,071	2,240	1,215	1,244
NM	10.7	10.7	11,248	11,227	1,049	1,049
NY	6.1	6.2	6,635	6,908	1,085	1,117
NC						
ND						
OH	22.1	19.8	24,675	22,487	1,115	1,133
OK	6.0	4.1	5,813	3,969	971	961
OR	5.9	3.6	6,472	3,946	1,098	1,100
PA	86.4	83.6	102,076	105,138	1,182	1,258
SC						
SD	51.8	43.6	62,087	54,869	1,199	1,258
TN						
TX	514.4	508.0	542,871	547,687	1,055	1,078
UT						
VA	4.7	2.6	4,973	2,617	1,069	990
WA	74.7	68.4	86,631	79,137	1,159	1,157
WV	1.0	.9	1,022	884	1,029	967
WI	96.0	88.3	113,250	111,022	1,180	1,257
WY	.5	.4	548	395	1,080	1,090
US ^{3/}	2,993.4	2,851.0	3,319,039	3,250,329	1,109	1,140

^{1/} Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter. ^{2/} N ENG includes CT, ME, MA, NH, RI, and VT. ^{3/} States with no data printed are still included in the U.S. total. Data not printed to avoid disclosing individual operations.

Commercial Calf Slaughter: By States and United States,
May 1990 and 1991 ^{1/}

State	Number Slaughtered		Total Live Weight		Average Live Weight	
	1990	1991	1990	1991	1990	1991
	-- 1,000 Head --		-- 1,000 Pounds --		---- Pounds ----	
AL						
AZ						
AR						
CA	7.1	5.3	1,575	1,543	221	292
CO						
DE-MD	4.2	1.4	1,594	553	382	395
FL	3.8	1.3	1,180	122	308	92
GA						
HI						
ID						
IL	11.8	10.3	4,514	4,024	383	391
IN						
IA						
KS						
KY						
LA	3.0	3.0	1,266	1,272	418	425
MI	5.3	4.4	1,956	1,714	370	391
MN						
MS						
MO	.3	.3	101	101	304	351
MT						
NE						
NV						
N ENG ^{2/}	4.8	4.5	601	960	124	213
NJ						
NM						
NY	21.6	13.2	4,387	4,210	203	318
NC						
ND						
OH	6.1	3.4	922	1,617	151	473
OK	.3	.2	132	88	482	389
OR	.3	.4	106	143	329	397
PA	17.6	14.6	3,774	4,984	215	340
SC						
SD						
TN						
TX	5.6	3.1	1,952	1,922	350	628
UT						
VA	.1	.1	28	23	258	285
WA	3.8	2.7	1,018	1,396	268	516
WV						
WI	24.2	21.2	7,926	7,646	328	360
WY						
US ^{3/}	140.6	105.2	40,490	39,020	288	371

^{1/} Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter. ^{2/} N ENG includes CT, ME, MA, NH, RI, and VT. ^{3/} States with no data printed are still included in the U.S. total. Data not printed to avoid disclosing individual operations.

Commercial Hog Slaughter: By States and United States,
May 1990 and 1991 1/

State	Number Slaughtered		Total Live Weight		Average Live Weight	
	1990	1991	1990	1991	1990	1991
	-- 1,000 Head --		-- 1,000 Pounds --		---- Pounds ----	
AL	10.2	12.2	3,625	4,556	354	374
AZ						
AR	18.1	21.2	5,366	7,353	297	347
CA	168.6	153.9	37,769	34,254	224	223
CO	2.5	2.6	568	625	231	237
DE-MD	17.0	20.8	3,538	4,675	208	224
FL						
GA						
HI						
ID						
IL	769.8	739.9	199,140	191,318	259	259
IN	302.8	278.8	74,167	68,658	245	246
IA	2,057.5	2,302.1	527,183	602,003	256	262
KS	39.7	38.1	11,440	10,678	288	281
KY						
LA	5.0	4.4	1,003	906	202	206
MI						
MN	454.4	651.1	107,612	154,355	237	237
MS						
MO						
MT	1.9	2.2	437	520	236	237
NE	444.6	452.6	105,699	111,259	238	246
NV	.3	.3	59	72	188	230
N ENG <u>2/</u>	4.2	2.8	946	681	225	239
NJ						
NM	.3	.4	70	83	213	213
NY	4.3	4.4	986	941	229	212
NC						
ND	7.9	8.3	1,666	1,883	210	227
OH	208.4	223.3	52,293	56,072	251	251
OK	11.0	13.9	3,124	4,266	284	306
OR	10.7	11.1	2,608	2,718	243	244
PA	157.6	168.5	37,049	38,890	235	231
SC						
SD	374.0	386.6	98,075	98,598	262	255
TN	50.6	35.7	17,306	15,032	342	421
TX	30.8	21.5	9,985	7,675	324	357
UT						
VA	358.3	383.0	85,513	89,469	239	234
WA						
WV	1.5	1.3	582	492	398	368
WI	33.4	34.1	11,899	13,025	357	382
WY	.4	.3	106	88	256	258
US <u>3/</u>	6,980.5	7,129.5	1,747,707	1,806,478	250	253

1/ Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter. 2/ N ENG includes CT, ME, MA, NH, RI, and VT. 3/ States with no data printed are still included in the U.S. total. Data not printed to avoid disclosing individual operations.

Commercial Sheep and Lamb Slaughter: By States and United States,
May 1990 and 1991 ^{1/}

State	Number Slaughtered		Total Live Weight		Average Live Weight	
	1990	1991	1990	1991	1990	1991
	-- 1,000 Head --		-- 1,000 Pounds --		---- Pounds ----	
AL						
AZ	.1	.1	5	11	99	112
AR						
CA						
CO	152.4	127.3	22,273	18,939	146	149
DE-MD						
FL						
GA	.2	.2	14	15	93	83
HI						
ID	.3	.3	36	36	110	125
IL						
IN	2.2	2.8	231	280	106	98
IA						
KS	38.7	28.7	4,672	3,455	121	120
KY	1.5	1.5	188	194	123	132
LA	.5	.4	51	44	108	101
MI						
MN						
MS						
MO						
MT	.1	.3	20	42	140	145
NE	.1	.1	12	11	124	123
NV						
N ENG ^{2/}	1.9	1.9	193	180	104	96
NJ	5.8	8.8	573	912	99	103
NM						
NY	9.6	4.5	932	418	97	93
NC	.1	.1	7	11	123	102
ND	.1	.1	11	14	114	118
OH	2.0	2.1	200	218	102	106
OK	.2	.2	20	16	109	106
OR	.6	.6	60	73	107	119
PA	8.6	9.3	891	970	103	105
SC						
SD	11.5	9.3	1,484	1,138	129	123
TN	.1	.1	5	6	96	94
TX						
UT						
VA	1.1	1.6	97	163	92	101
WA						
WV						
WI	.6	.6	73	72	115	114
WY	.2	.1	19	14	126	127
US ^{3/}	478.7	460.7	61,096	59,248	128	129

^{1/} Includes slaughter under Federal inspection and other Commercial slaughter, excludes farm slaughter. ^{2/} N ENG includes CT, ME, MA, NH, RI, and VT. ^{3/} States with no data printed are still included in the U.S. total. Data not printed to avoid disclosing individual operations.

Classification of Livestock Slaughtered Under Federal Inspection,
United States

Item	May	Apr	May	Jan - May 1/		May	Apr	May	Jan - May 1/	
	1990	1991	1991	1990	1991	1990	1991	1991	1990	1991
	----- 1,000 Head -----					----- Percent of Total -----				
Class 2/										
Cattle										
Steers	1,511	1,402	1,456	6,717	6,644	51.7	52.5	52.3	50.3	50.7
Heifers	874	770	830	3,990	3,879	29.9	28.8	29.8	29.8	29.5
Dairy Cows	215	228	217	1,178	1,216	7.4	8.5	7.8	8.8	9.3
Other Cows	263	220	227	1,231	1,128	9.0	8.2	8.1	9.2	8.6
Bulls & Stags	57	51	55	257	249	2.0	2.0	2.0	1.9	1.9
Total 1/	2,920	2,673	2,785	13,372	13,116	100.0	100.0	100.0	100.0	100.0
Hogs										
Barrows & Gilts	6,410	6,978	6,597	33,128	33,534	94.3	95.3	95.0	94.9	95.2
Sows	313	274	287	1,444	1,384	4.6	3.8	4.1	4.1	3.9
Stags & Boars	76	67	64	345	323	1.1	.9	.9	1.0	.9
Total 1/	6,799	7,320	6,948	34,918	35,242	100.0	100.0	100.0	100.0	100.0
Sheep										
Mature Sheep	32	27	29	125	123	6.8	6.3	6.6	5.4	5.2
Lambs & Yrlings	434	409	413	2,197	2,246	93.2	93.7	93.4	94.6	94.8
Total 1/	465	436	443	2,323	2,369	100.0	100.0	100.0	100.0	100.0
Average Dressed Weight: 3/	----- Pounds -----									
Cattle	675	688	688	680	690					
Steers 4/	720	733	734	731	738					
Heifers 4/	659	672	666	666	674					
All Cows 4/	539	558	551	542	559					
Bulls & Stags 4/	860	888	891	855	883					
Calves & Vealers	182	216	225	163	212					
Hogs	181	182	182	180	182					
Barrow & Glts 5/	175	178	177	175	177					
Sows 5/	296	294	294	294	298					
Stags & Boars 5/	224	212	215	221	221					
Sheep	65	64	66	65	65					
Mature Sheep 6/	58	60	61	58	60					
Lamb & Yrlings 6/	66	64	66	66	65					

1/ Totals and percentages based on unrounded data. 2/ Species totals and classification reported by meat inspectors, Inspection Operations, FSIS.
3/ Based on packer reports. 4/ Included in cattle average dressed weight.
5/ Included in hogs average dressed weight. 6/ Included in sheep average dressed weight.

Federally Inspected Slaughter: By Regions and United States,
May 1991

Standard Federal Regions 1/	Cattle						Calves
	Total	Steers	Heifers	Dairy Cows	Other Cows	Bulls & Stags	Total
	2/	3/	4/	5/	6/	7/	8/
	1,000 Head						
1	4.2	.2	.2	3.4	.1	.3	3/
2	7.8	1.2	.5	5.3	.1	.7	20.1
3	88.3	38.2	7.0	30.3	9.3	3.5	18.7
4	86.5	10.6	15.9	27.0	26.1	6.9	2.4
5	301.4	141.9	52.8	71.6	24.3	10.9	48.2
6	516.8	293.3	151.5	12.0	48.9	11.1	4.6
7	1,229.4	699.8	432.5	16.0	71.7	9.4	4/
8	297.9	145.6	115.2	7.5	24.2	5.3	.2
9	131.7	69.4	14.5	32.1	12.0	3.7	5.4
10	121.3	56.2	39.9	12.2	10.0	2.9	3.0
US 2/	2,785.3	1,456.4	830.0	217.3	226.7	54.8	102.6

Standard Federal Regions 1/	Hogs				Sheep		
	Total	Barrows & Gilts	Sows	Stags & Boars	Total	Mature Sheep	Lambs & Yearlings
	2/	3/	4/	5/	6/	7/	8/
	1,000 Head						
1	3/				1.7	.5	1.2
2	13.1	12.8	.2	.1	12.9	3.6	9.3
3	571.5	563.7	7.6	.2	6/		
4	788.2	752.8	59.1	3.3	13.9	2.9	11.0
5	5/				60.6	6.8	53.8
6	2,141.6	2,010.7	104.2	26.7	54.9	7.2	47.6
7	5/				72.7	2.1	70.5
8	3,261.5	3,113.7	114.1	33.8	6/		
9	5/				6/		
10	172.2	170.5	1.5	.2	225.8	6.2	219.6
US 2/	6,948.1	6,597.3	286.7	64.1	442.5	29.3	413.2

1/ States included in regions are as follows: 1- CT, ME, NH, VT, MA & RI; 2- NY & NJ; 3- DE-MD, PA, WV & VA; 4- AL, FL, GA, KY, MS, NC, SC & TN; 5- IL, IN, MI, MN, OH & WI; 6- AR, LA, NM, OK & TX; 7- IA, KS, MO & NE; 8- CO, MT, ND, SD, UT & WY; 9- AZ, CA, HI & NV; 10- ID, OR & WA. 2/ Totals may not add due to rounding. 3/ Region 1 combined with region 2 to avoid disclosing individual operations. 4/ Regions 7 and 8 combined for calves to avoid disclosing individual operations. 5/ Regions 5 and 6, 7 and 8, and 9 and 10 are combined for hogs to avoid disclosing individual operations. 6/ Regions 3 and 4, and 8, 9 and 10 are combined for sheep to avoid disclosing individual operations.

Federally Inspected Slaughter: By Regions and United States,
January - May 1991 *

Standard Federal Regions <u>1/</u>	Cattle						Calves
	Total <u>2/</u>	Steers	Heifers	Dairy Cows	Other Cows	Bulls & Stags	Total <u>2/</u>
	1,000 Head						
1	20.4	1.4	1.3	16.4	.3	1.1	<u>3/</u>
2	34.9	6.1	2.5	23.2	.6	2.4	125.2
3	427.5	149.5	30.2	178.0	55.5	14.3	104.0
4	441.7	43.1	77.0	151.1	137.2	33.4	26.9
5	1,501.5	662.2	255.4	413.5	119.5	50.7	258.1
6	2,422.1	1,397.2	696.5	70.0	209.2	49.2	26.1
7	5,704.0	3,194.2	2,021.4	64.8	380.0	43.6	<u>4/</u>
8	1,331.7	604.8	544.0	44.1	112.9	25.9	1.0
9	636.1	324.2	64.6	183.3	49.8	14.2	40.2
10	596.2	261.7	186.3	71.2	63.2	13.7	19.1
US <u>2/</u>	13,115.9	6,644.3	3,879.2	1,215.7	1,128.2	248.6	600.7

Standard Federal Regions <u>1/</u>	Hogs				Sheep		
	Total <u>2/</u>	Barrows & Gilts	Sows	Stags & Boars	Total <u>2/</u>	Mature Sheep	Lambs & Yearlings
	1,000 Head						
1	<u>3/</u>				10.8	2.1	8.7
2	60.7	59.3	1.0	.4	75.5	20.3	55.2
3	2,913.9	2,870.9	41.6	1.3	<u>6/</u>		
4	3,883.0	3,571.7	295.5	15.9	81.9	10.0	72.0
5	<u>5/</u>				350.3	23.7	326.6
6	10,642.8	10,042.8	477.1	122.9	284.8	25.3	259.5
7	<u>5/</u>				407.5	9.1	398.5
8	16,903.3	16,158.7	562.6	182.0	<u>6/</u>		
9	<u>5/</u>				<u>6/</u>		
10	838.3	831.0	6.6	.6	1,157.8	32.2	1,125.6
US <u>2/</u>	35,242.0	33,534.4	1,384.4	323.1	2,368.6	122.6	2,246.0

* Accumulated totals based on unrounded data.

1/ States included in regions are as follows: 1- CT, ME, NH, VT, MA & RI; 2- NY & NJ; 3- DE-MD, PA, WV & VA; 4- AL, FL, GA, KY, MS, NC, SC & TN; 5- IL, IN, MI, MN, OH & WI; 6- AR, LA, NM, OK & TX; 7- IA, KS, MO & NE; 8- CO, MT, ND, SD, UT & WY; 9- AZ, CA, HI & NV; 10- ID, OR & WA. 2/ Totals may not add due to rounding. 3/ Region 1 combined with region 2 to avoid disclosing individual operations. 4/ Regions 7 and 8 combined for calves to avoid disclosing individual operations. 5/ Regions 5 and 6, 7 and 8, 9 and 10 combined for hogs to avoid disclosing individual operations. 6/ Regions 3 and 4 and 8, 9 and 10 combined for sheep to avoid disclosing individual operations.

**Federally Inspected Slaughter: Percent of Total Commercial Slaughter
By Species, United States**

Species	May 1990	Apr 1991	May 1991	Jan - May	
				1990	1991
				Percent	
Cattle	97.5	97.5	97.7	97.4	97.5
Calves	97.3	97.7	97.5	97.4	97.6
Hogs	97.4	97.7	97.5	97.5	97.5
Sheep	97.2	95.5	96.1	97.2	96.6

Data Sources: Primary data for the commercial livestock slaughter estimates are obtained from the Weekly Livestock Slaughter Report (LS-149) questionnaires completed by Inspectors from the Food, Safety and Inspection Service (FSIS), USDA, which provide actual counts of animals slaughtered in Federally Inspected (FI) plants. These counts are combined with data from State-administered Non-Federally Inspected (NFI) slaughter plants to derive total commercial slaughter estimates. Over 95 percent of the total U.S. slaughter for any species is under FI. The LS-149 forms collect number of head slaughtered daily under FI by species and class as well as head kill after condemnation and total live and dressed weights.

Approximately 1,200 plants in the U.S. are operated under Federal Inspection and 3,000 plants under State inspection. Slaughter from State-inspected Talmedge-Aiken plants is included in FI totals (see Types of Plants, page 16). To prevent duplication in reporting between NFI and FI plants and assure all FI plants are included, certificates prepared by FSIS identifying operating status are constantly monitored.

Revision Policy: Revisions are generally the result of late or corrected data and are less than 1/2 of 1 percent. Revisions for the previous month and the year-to-date totals are noted in each monthly release by an (*) or a footnote. Final data are published in the annual summary.

Procedures and Reliability: Individual inspectors may be contacted by telephone if the weekly livestock slaughter report questionnaire is not received by NASS in time for summarization. This assures that all plants slaughtering a large number of head or several species are accounted for each week.

All head kill data are tabulated on a weekly basis approximately two weeks after the kill week. A computer edit compares each plant's data with the historical data for that plant. The edit provides a missing reports listing for followup telephone contact and imputes missing weight data. In addition, data are checked for unusual values for species, class, head kill, and pattern of kill generally, based on each plant's past operating profile.

Usually, if no form is received by mail, data for plants slaughtering fewer than 50 total head weekly of only one species are imputed. Imputation of live weight and dressed weight data may also be necessary on partially completed forms for any plant. The imputation is also based on the data history of each respective plant and represents the recent operating characteristics until final data are tabulated. Imputed head kill for missing plants usually is less than 1 percent of the U.S. head kill totals. Imputation for live and dressed weight data for cattle is about 15 percent and for hogs about 10 percent. The imputation for calves and sheep is more frequent and variable.

Head kill for FI slaughter before condemnation is for the actual days of the survey month while head kill after condemnation and live and dressed weight data are for full weeks only. Average live and dressed weight and dressing percentages by State are compared with the previous week as an additional check. Fluctuations are frequently the result of plants permanently or

temporarily closing and a shift in the kind of animal reported. FI data are summarized weekly and accumulated to a monthly total for this release, while NFI data are summarized monthly only. These weekly totals are published by USDA's Agricultural Marketing Service (AMS) in *Livestock, Meat, Wool Market News, Weekly Summary, and Statistics*.

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

Generally, no data are published if less than three plants operate for a species in a State or if one plant has 60 percent or more of the total commercial slaughter for a species. These data are included in U.S. totals. A review of the reported data is made annually.

Types of Plants

There are generally four types of slaughtering plants.

- (1) **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.
- (2) **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.
- (3) **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.
- (4) **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.

Terms and Definitions

Commercial Production: Includes slaughter and meat production in federally inspected and other plants, but excludes animals slaughtered on farms.

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: Is 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.

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.

Live Weight: The gross weight of a live animal when received at the slaughter plant.

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

Red Meat: Red meat production is the carcass weight after slaughter including beef, veal, pork, and lamb and mutton. It is derived using the number of head times average dressed weight for FI and NFI separately. FI head kill must be adjusted for condemnations using the factor derived from the FSIS inspection reports.

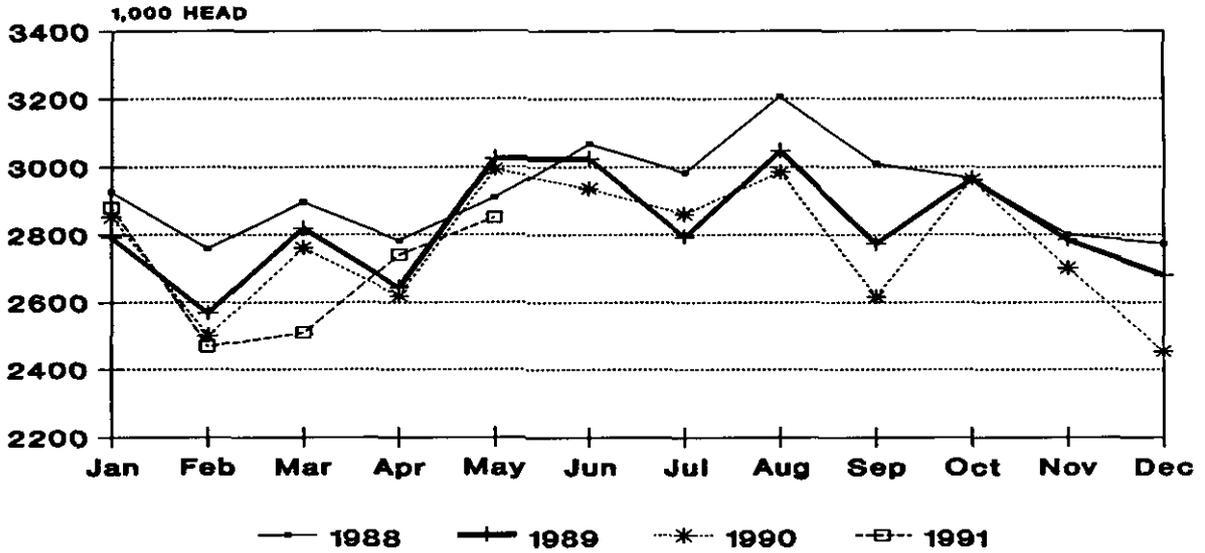
The FI meat production formula is $(\text{FI head kill}) \times (1 - \text{condemnation factor}) \times (\text{average dressed weight}) = \text{FI red meat production}$. The condemnation factor is the number of animals condemned as a percentage of the total kill. It has been fairly stable for the last ten years; running about 1.547 head per 100 head for calves, .359 per 100 for cattle, .336 per 100 for hogs and .500 per 100 for sheep. 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.

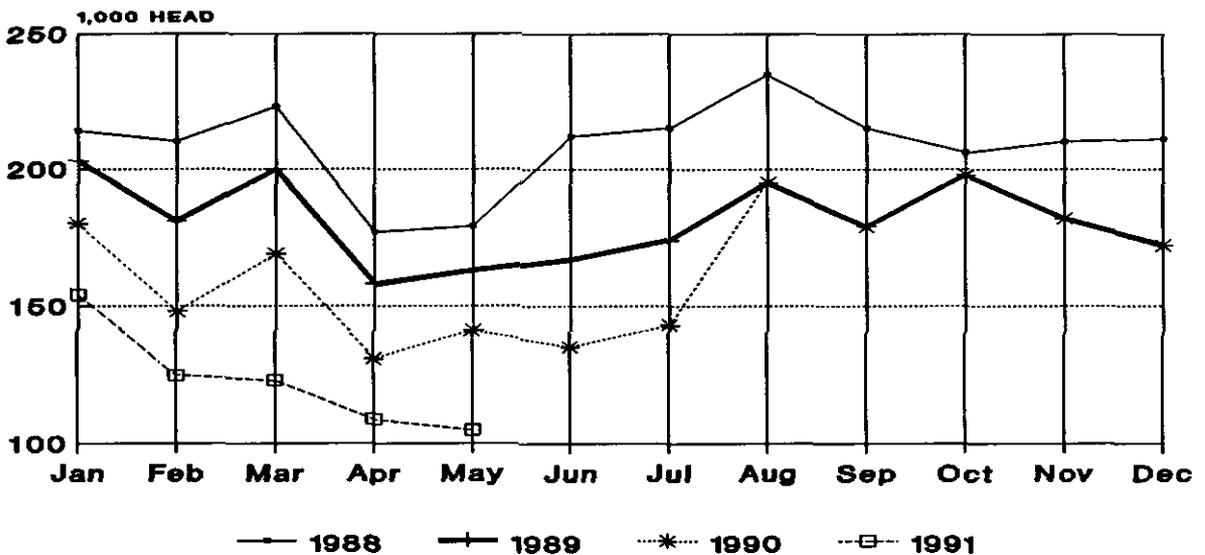
Slaughter, Farm: Animals slaughtered on farms primarily for home consumption. Excludes custom slaughter for farmers at commercial establishments, but includes mobile slaughtering on farms. These estimates appear only in the annual slaughter release.

Wholesome Meat Act: Legislation that specifies that all meat produced for sale in the U.S. must be inspected; and further, meat that is transported interstate must be inspected in compliance with federal (USDA) standards.

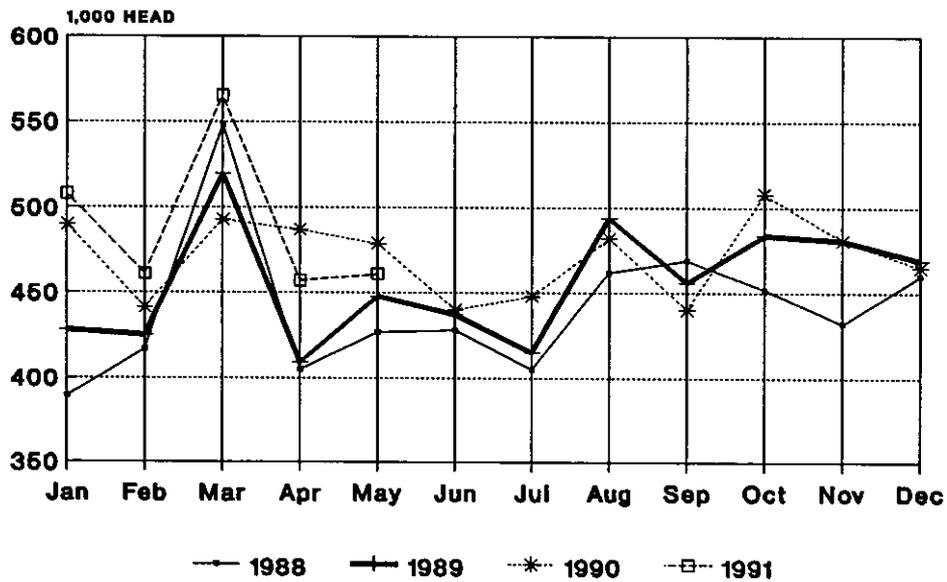
U.S. MONTHLY COMMERCIAL SLAUGHTER CATTLE



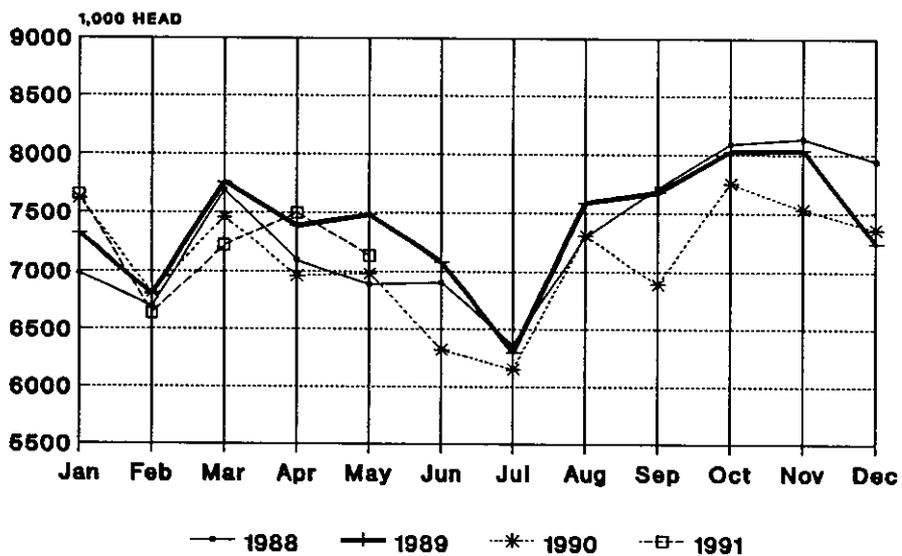
U.S. MONTHLY COMMERCIAL SLAUGHTER CALVES



U.S. MONTHLY COMMERCIAL SLAUGHTER SHEEP



U.S. MONTHLY COMMERCIAL SLAUGHTER HOGS



The next **Livestock Slaughter** report will be released on **July 23, 1991** at **3:00 p.m. ET**.

Subscription Information: To subscribe to **NASS** reports or to order single copies, call toll free, **1-800-999-6779** (weekdays **8:30-5:00 ET**). You may write: **ERS/NASS**, P.O. Box 1608, Rockville, MD. 20849-1608.