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Sheep and Goats

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United States
Department of
Agriculture
Washington, D.C. 20250

RELEASED: February 5, 1988
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ALL SHEEP AND LAMB INVENTORY in the United States on January 1, 1988 totaled 10.8 million head, according to the Agricultural Statistics Board, up 4 percent from the 10.3 million head of a year earlier. The value of sheep and lambs on hand January 1, 1988 totaled \$969 million, up 24 percent from a year earlier. The average value per head was \$89.90, up \$14.20 from a year earlier.

STOCK SHEEP INVENTORY increased to 8.99 million head on January 1, 1988, up 2 percent from 8.83 million last year. Ewes one year old and older, at 7.08 million head, increased 3 percent from a year earlier. Ewe lamb inventory on January 1, 1988 totaled 1.27 million head, down 2 percent from January 1, 1987.

SHEEP AND LAMBS ON FEED January 1, 1988 for the slaughter market in the 25 major feeding States totaled 1.78 million head, up 18 percent from the previous January 1 estimate of 1.51 million head.

1987 LAMB CROP of 7.23 million head decreased 2 percent from the 1986 lamb crop. Breeding ewes one year old and older on January 1, 1987 were nearly the same as the January 1, 1986 total. The 1987 lambing rate was 106 per 100 ewes one year old and older, compared with 108 in 1986 and 103 in 1985.

GOAT NUMBERS in Texas totaled 1.65 million on January 1, 1988, down 1 percent from a year earlier. Total value of \$99.2 million was 28 percent above a year earlier. Average value per head increased \$13.70 to \$60.10.

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 * The next issue of this report will be published February 1989 *
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RELIABILITY AND ESTIMATING PROCEDURES

Primary data used in making sheep and lamb estimates in this report were obtained from a sample of 67,200 agricultural operations across the U.S. using probability surveys. Information was collected by mail, telephone and personal interview. Since all operations with sheep were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, was 5.5 percent of the total sheep and lambs at the national level. This means that chances are approximately 95 out of 100 that the survey estimate will be within 11 percent of the complete coverage value if the same procedures were used to survey all producers. The relative standard error for stock sheep, classes of stock sheep, and lamb crop were somewhat larger ranging from 6.5 to 7.5 percent.

Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

In setting the inventory estimates, the Agricultural Statistics Board used survey estimates of inventory numbers, births, and deaths. These survey estimates were combined with reliable check data from other sources on slaughter, imports and exports to construct a national balance sheet (on page 3), which provides an additional check on survey inventory estimates.

SHEEP: NUMBER BY CLASSES, VALUE PER HEAD, AND TOTAL VALUE
UNITED STATES, JANUARY 1, 1986-88

CLASS	1986	1987	1988	1988/87
	1,000 HEAD			PERCENT
ALL SHEEP AND LAMBS 1/	9,983	10,334	10,774	104
ON FEED	1,492	1,508	1,781	118
STOCK SHEEP	8,491	8,826	8,993	102
LAMBS				
EWES	1,048	1,296	1,266	98
WETHERS AND RAMS	318	363	324	89
ONE YEAR OLD AND OLDER				
EWES	6,817	6,847	7,077	103
WETHERS AND RAMS	310	320	327	102
NEW CROP LAMBS 2/	884	845	849	100
		DOLLARS		
ALL SHEEP AND LAMBS		75.70	89.90	119
VALUE PER HEAD 3/	67.40	1,000 DOLLARS		
ALL SHEEP AND LAMBS				
TOTAL VALUE	673,048	782,108	968,918	124

1/ NEW CROP LAMBS ARE NOT INCLUDED IN ALL SHEEP AND LAMBS INVENTORY ESTIMATES IN THIS REPORT. 2/ INCLUDES ALL LAMBS BORN AFTER SEP 30 PREVIOUS YEAR THAT ARE ON HAND JAN 1. 3/ BASED ON REPORTERS' ESTIMATES OF AVERAGE PRICE PER HEAD IN THEIR LOCALITIES.

UNITED STATES BALANCE SHEET 1/: ALL SHEEP AND LAMBS 1985-87

ITEM	1985	1986	1987
	1,000 HEAD		
JAN 1 INVENTORY	10,443	9,983	10,334
LAMB CROP AND IMPORTS	7,436	7,378	7,252
TOTAL SUPPLY	17,879	17,361	17,587
SLAUGHTER	6,300	5,762	5,312
DEATHS AND EXPORTS	1,745	1,398	1,327
TOTAL DISAPPEARANCE	8,045	7,160	6,639
RESIDUAL	(149)	(133)	174
JAN 1 INVENTORY (END OF YEAR)	9,983	10,334	10,774

1/ FINAL 1986 AND PRELIMINARY 1987 ESTIMATES WILL BE PUBLISHED IN MEAT ANIMALS, PRODUCTION, DISPOSITION, AND INCOME, APRIL 1988.

GOATS: INVENTORY, VALUE PER HEAD, AND TOTAL VALUE,
TEXAS, JANUARY 1, 1986-88

YEAR	NUMBER	VALUE 1/	
		PER HEAD	TOTAL
	1,000 HEAD	DOLLARS	1,000 DOLLARS
1986	1,700	40.10	68,212
1987	1,670	46.40	77,571
1988	1,650	60.10	99,165

1/ BASED ON REPORTERS' ESTIMATES OF AVERAGE PRICE PER HEAD IN THEIR LOCALITIES.

LAMB CROP, 1986-87

STATE	: BREEDING EWES 1 YEAR: LAMB CROP PER 100:		: AND OLDER JAN 1 : EWES 1+ JAN 1 :		: LAMB CROP 1/ :		: 1987 AS % OF 1986
	: 1986	: 1987	: 1986	: 1987	: 1986	: 1987	
	1,000 HEAD		NUMBER		1,000 HEAD		PERCENT
ALAS	1.5	1.3	47	54	0.7	0.7	100
ARIZ	161.0	144.0	70	83	112.0	120.0	107
CALIF	725.0	685.0	87	91	630.0	625.0	99
COLO	295.0	300.0	119	110	350.0	330.0	94
CONN	6.4	6.0	147	142	9.4	8.5	90
IDAHO	250.0	245.0	120	122	301.0	300.0	100
ILL	77.0	79.0	134	114	103.0	90.0	87
IND	73.0	63.0	116	119	85.0	75.0	88
IOWA	230.0	255.0	144	129	330.0	330.0	100
KANS	133.0	145.0	120	107	160.0	155.0	97
KY	22.0	24.0	105	113	23.0	27.0	117
LA	6.1	12.0	213	100	13.0	12.0	92
MAINE	13.0	13.0	131	115	17.0	15.0	88
MD	14.0	16.0	114	131	16.0	21.0	131
MASS	7.0	9.5	157	116	11.0	11.0	100
MICH	71.0	68.0	127	132	90.0	90.0	100
MINN	120.0	130.0	163	131	195.0	170.0	87
MO	72.0	80.0	150	125	108.0	100.0	93
MONT	370.0	370.0	122	119	450.0	440.0	98
NEBR	80.0	94.0	150	133	120.0	125.0	104
NEV	65.0	69.0	112	123	73.0	80.0	116
N H	8.0	8.6	150	128	12.0	11.0	92
N J	7.7	8.2	130	171	10.0	14.0	140
N MEX	355.0	342.0	85	80	300.0	275.0	92
N Y	40.0	40.0	125	120	50.0	48.0	96
N C	7.1	9.3	127	118	9.0	11.0	122
N DAK	120.0	120.0	138	125	165.0	150.0	91
OHIO	185.0	200.0	124	103	230.0	205.0	89
OKLA	55.0	60.0	146	102	80.0	61.0	76
OREG	275.0	255.0	106	133	290.0	340.0	117
PA	68.0	73.0	116	103	79.0	75.0	95
S DAK	413.0	434.0	127	120	525.0	520.0	99
TENN	7.7	8.7	100	98	7.7	8.5	110
TEX	1,260.0	1,300.0	90	89	1,130.0	1,130.0	102
UTAH	400.0	375.0	100	109	400.0	410.0	103
VT	9.0	11.0	167	118	15.0	13.0	87
VA	88.0	98.0	136	102	120.0	100.0	83
WASH	44.0	44.0	132	143	58.0	63.0	109
W VA	60.0	68.0	133	113	80.0	77.0	96
WIS	52.0	53.0	150	147	78.0	78.0	100
WYO	570.0	530.0	91	97	520.0	515.0	99
U S	6,816.5	6,846.6	108	106	7,355.8	7,229.7	98

1/ LAMB CROP DEFINED AS LAMBS BORN IN THE NATIVE STATES AND LAMBS DOCKED OR BRANDED IN THE WESTERN STATES.

ALL SHEEP AND LAMBS: NUMBER, VALUE PER HEAD, AND TOTAL VALUE BY STATES,
JANUARY 1, 1987-88

STATE	ALL SHEEP AND LAMBS 1/			VALUE PER HEAD		TOTAL	
	1987	1988	:1988/1987:	1987	1988	1987	1988
	1,000 HEAD		PERCENT	DOLLARS		1,000 DOLLARS	
ALAS	2.4	2.4	100	67.50	71.00	162	170
ARIZ	283.0	284.0	100	68.00	91.50	19,244	25,986
CALIF	980.0	1015.0	103	84.00	95.50	82,320	96,933
COLO	690.0	860.0	125	77.50	98.00	53,475	84,280
CONN	8.8	8.0	91	110.00	99.00	968	792
IDAHO	314.0	324.0	106	78.00	107.00	24,492	34,668
ILL	119.0	107.0	90	81.50	88.50	9,699	9,470
IND	91.0	80.0	88	72.00	78.50	6,552	6,280
IOWA	375.0	405.0	108	77.00	99.00	28,875	40,095
KANS	236.0	277.0	117	70.00	80.00	16,520	22,160
KY	32.0	34.0	106	75.00	91.00	2,400	3,094
LA	16.0	16.0	100	65.00	68.00	1,040	1,088
MAINE	18.0	17.0	94	95.50	91.00	1,719	1,547
MD	25.0	34.0	136	100.00	93.00	2,500	3,162
MASS	14.0	14.0	100	110.00	114.00	1,540	1,596
MICH	106.0	105.0	99	72.50	77.50	7,685	8,138
MINN	237.0	238.0	100	83.50	93.00	19,790	22,134
MO	110.0	103.0	94	65.50	90.50	7,205	9,322
MONT	523.0	538.0	113	82.00	99.50	42,886	53,531
NEBR	173.0	180.0	104	76.00	83.00	13,148	14,940
NEV	86.0	96.0	117	91.00	101.00	7,826	9,696
N H	12.0	12.0	100	91.50	102.00	1,098	1,224
N J	14.0	15.0	107	115.00	104.00	1,610	1,560
N MEX	480.0	451.0	94	66.50	89.50	31,920	40,365
N Y	64.0	63.0	98	78.00	96.50	4,992	6,080
N C	13.0	13.0	100	75.00	65.00	975	845
N DAK	185.0	169.0	91	79.50	94.50	14,708	15,971
OHIO	300.0	270.0	90	73.50	82.50	22,050	22,275
OKLA	105.0	124.0	118	68.50	84.50	7,193	10,478
OREG	415.0	490.0	118	69.00	83.00	28,635	40,670
PA	104.0	110.0	106	75.50	90.00	7,852	9,900
S DAK	605.0	610.0	101	82.50	92.00	49,913	56,120
TENN	13.0	12.0	115	76.50	73.00	988	876
TEX	1930.0	1960.0	103	65.00	76.00	125,450	148,960
UTAH	464.0	478.0	103	83.00	95.50	38,512	45,649
VT	16.0	14.0	88	93.50	84.50	1,496	1,183
VA	168.0	140.0	83	71.50	81.50	12,012	11,410
WASH	59.0	72.0	122	75.50	78.50	4,455	5,652
W VA	90.0	91.0	101	66.00	75.00	5,940	6,825
WIS	83.0	78.0	94	77.00	93.50	6,391	7,293
WYO	775.0	865.0	118	85.00	100.00	65,875	86,500
U S	10,334.2	10,774.4	104	75.70	89.90	782,108	968,918

1/ NEW CROP LAMBS ARE NOT INCLUDED IN THE INVENTORY ESTIMATES OF ALL SHEEP AND LAMBS.

SHEEP AND LAMBS: NUMBER BY CLASSES, BY STATES,
JANUARY 1, 1987-88

STATE	STOCK SHEEP-ONE YEAR OLD AND OLDER :				STOCK SHEEP-LAMBS			
	EWES		:RAMS AND WETHERS:		EWES		:RAMS AND WETHERS	
	1987	1988	1987	1988	1987	1988	1987	1988
	1,000 HEAD							
ALAS	1.3	1.2	0.7	0.7	0.2	0.3	0.2	0.2
ARIZ	144.0	180.0	11.0	12.0	41.0	28.0	23.0	17.0
CALIF	685.0	685.0	25.0	25.0	69.0	75.0	16.0	15.0
COLO	300.0	320.0	10.0	11.0	55.0	53.0	15.0	11.0
CONN	6.0	5.8	0.4	0.5	1.8	1.2	0.6	0.5
IDAHO	245.0	247.0	6.0	6.0	42.0	48.0	6.0	4.0
ILL	79.0	74.0	6.0	4.0	19.0	13.0	5.0	4.0
IND	63.0	57.0	4.0	4.0	12.0	10.0	3.0	2.0
IOWA	255.0	277.0	11.0	12.0	36.0	41.0	8.0	5.0
KANS	145.0	150.0	7.0	6.0	10.0	12.0	4.0	4.0
KY	24.0	27.0	1.6	1.7	4.0	3.3	2.4	2.0
LA	12.0	12.0	1.3	1.3	1.8	1.8	0.9	0.9
MAINE	13.0	12.0	1.2	0.9	2.5	2.3	1.3	1.8
MD	16.0	22.0	3.0	3.0	4.0	6.0	2.0	3.0
MASS	9.5	9.2	0.8	1.0	2.2	2.0	1.5	1.8
MICH	68.0	67.0	3.0	3.0	10.0	11.0	4.0	3.0
MINN	130.0	120.0	6.0	6.0	23.0	33.0	6.0	6.0
MO	80.0	76.0	4.0	4.0	13.0	10.0	5.0	2.0
MONT	370.0	380.0	13.0	12.0	106.0	106.0	11.0	5.0
NEBR	94.0	105.0	5.0	5.0	15.0	20.0	6.0	5.0
NEV	69.0	78.0	2.0	2.0	14.0	13.0	1.0	1.0
N H	8.6	8.0	0.7	0.6	1.8	1.7	0.9	1.7
N J	8.2	9.0	1.0	1.3	3.1	3.2	1.7	1.5
N MEX	342.0	335.0	20.0	18.0	80.0	60.0	8.0	8.0
N Y	40.0	42.0	2.0	2.0	15.0	12.0	7.0	7.0
N C	9.3	9.9	0.8	0.6	2.2	2.0	0.7	0.5
N DAK	120.0	114.0	4.0	5.0	29.0	20.0	7.0	3.0
OHIO	200.0	170.0	8.0	8.0	30.0	27.0	7.0	5.0
OKLA	60.0	78.0	3.0	3.0	10.0	12.0	7.0	7.0
OREG	255.0	320.0	11.0	13.0	44.0	45.0	10.0	12.0
PA	73.0	76.0	6.0	7.0	18.0	19.0	7.0	8.0
S DAK	434.0	453.0	13.0	13.0	74.0	65.0	29.0	9.0
TENN	8.7	8.9	0.7	0.7	2.3	1.7	1.3	0.7
TEX	1,300.0	1,310.0	80.0	80.0	290.0	290.0	110.0	120.0
UTAH	375.0	390.0	11.0	12.0	50.0	52.0	4.0	6.0
VT	11.0	9.7	1.1	0.7	2.5	2.5	1.4	1.1
VA	98.0	84.0	5.0	5.0	11.0	9.0	2.0	2.0
WASH	44.0	54.0	2.0	2.0	9.5	12.0	3.5	4.0
W VA	68.0	67.0	3.0	3.0	11.0	10.0	8.0	11.0
WIS	53.0	53.0	4.0	3.0	12.0	10.0	7.0	2.0
WYO	530.0	580.0	22.0	28.0	119.0	122.0	19.0	20.0
U S	6,846.6	7,076.7	320.3	327.0	1,295.9	1,266.0	363.4	323.7

SHEEP AND LAMBS: NUMBER BY CLASSES, BY STATES, JANUARY 1, 1987-88
OPERATIONS WITH SHEEP, 1986-87 1/

STATE	STOCK SHEEP AND LAMBS - TOTAL			SHEEP AND LAMBS ON FEED 1/			OPERATIONS WITH SHEEP 2/	
	1987	1988	1988/87	1987	1988	1988/87	1986	1987
	1,000 HEAD		PERCENT	1,000 HEAD		PERCENT	NUMBER	
ALAS	2.4	2.4	100				30	30
ARIZ	219.0	237.0	108	64.0	47.0	73	600	550
CALIF	795.0	800.0	101	185.0	215.0	116	6,200	6,000
COLO	380.0	395.0	104	310.0	465.0	150	2,600	2,700
CONN	8.8	8.0	91				470	480
IDAHO	299.0	305.0	105	15.0	19.0	127	2,500	2,500
ILL	109.0	95.0	87	10.0	12.0	120	5,000	5,100
IND	82.0	73.0	89	9.0	7.0	78	5,000	4,600
IOWA	310.0	335.0	108	65.0	70.0	108	12,000	11,000
KANS	166.0	172.0	104	70.0	105.0	150	2,000	2,000
KY	32.0	34.0	116				1,000	1,100
LA	16.0	16.0	100				1,200	1,200
MAINE	18.0	17.0	94				720	680
MD	25.0	34.0	152				900	1,000
MASS	14.0	14.0	100				630	700
MICH	85.0	84.0	99	21.0	21.0	100	2,500	2,500
MINN	165.0	165.0	100	72.0	73.0	101	4,800	4,800
MO	102.0	92.0	90	8.0	11.0	138	3,900	3,700
MONT	500.0	503.0	112	23.0	35.0	152	2,900	2,900
NEBR	120.0	135.0	113	53.0	45.0	85	3,300	3,400
NEV	86.0	94.0	115		2.0		300	300
N H	12.0	12.0	100				550	500
N J	14.0	15.0	107				750	700
N MEX	450.0	421.0	94	30.0	30.0	100	1,500	1,400
N Y	64.0	63.0	98				2,000	2,100
N C	13.0	13.0	100				500	600
N DAK	160.0	142.0	89	25.0	27.0	108	1,800	1,900
OHIO	245.0	210.0	86	55.0	60.0	109	7,500	7,100
OKLA	80.0	100.0	125	25.0	24.0	96	2,400	2,500
OREG	320.0	390.0	122	95.0	100.0	105	5,600	5,600
PA	104.0	110.0	106				4,700	4,700
S DAK	550.0	540.0	98	55.0	70.0	127	5,100	5,000
TENN	13.0	12.0	115				470	550
TEX	1,780.0	1,800.0	103	150.0	160.0	107	8,500	8,500
UTAH	440.0	460.0	105	24.0	18.0	75	2,300	2,200
VT	16.0	14.0	88				630	700
VA	116.0	100.0	86	52.0	40.0	77	2,900	3,000
WASH	59.0	72.0	122				2,200	2,200
W VA	90.0	91.0	101				2,700	2,800
WIS	76.0	68.0	89	7.0	10.0	143	3,200	3,000
WYO	690.0	750.0	116	85.0	115.0	135	1,400	1,400
U S	8,826.2	8,993.4	102	1,508.0	1,781.0	118	115,250	113,690

1/ SHEEP ON FEED FOR CONN, KY, LA, MAINE, MD, MASS, N H, N J, N Y, N C, PA, TENN, VT, W VA, AND WASH WERE COMBINED WITH STOCK SHEEP. SHEEP ON FEED FOR THESE STATES TOTALED 28.1(THOUSAND). 2/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE SHEEP ON HAND DURING THE YEAR.

NEW CROP LAMBS: NUMBER, SELECTED STATES,
JANUARY 1, 1987-88 1/

STATE	1987	1988	1988/87
	1,000 HEAD		PERCENT
ARIZ	37.0	36.0	97
CALIF	430.0	400.0	93
COLO	2.0	2.0	100
IDAHO	8.0	12.0	150
IOWA	10.0	9.0	90
KANS	47.0	50.0	106
KY	2.3	3.5	152
MO	7.0	5.0	71
NEBR	7.0	10.0	143
OHIO	13.0	10.0	77
OKLA	20.0	16.0	80
OREG	12.0	15.0	125
PA	8.0	10.0	125
S DAK	12.0	9.0	75
TEX	170.0	210.0	124
VA	16.0	10.0	63
OTH STS	43.3	41.3	95
U S	844.6	848.8	100

1/ NEW CROP LAMB INVENTORY INCLUDES ALL LAMBS BORN AFTER SEP 30 THE PREVIOUS YEAR THAT ARE ON HAND JAN 1. NEW CROP LAMBS ARE NOT INCLUDED IN THE INVENTORY ESTIMATES OF ALL SHEEP AND LAMBS ON PAGES 5-7 OF THIS PUBLICATION.

