
Cattle



National Agricultural
Statistics Service

United States
Department of
Agriculture

Washington, D.C. 20250

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JULY 1 ALL CATTLE AND CALVES INVENTORY DOWN 4 PERCENT

All cattle and calves on hand in the United States on July 1, 1986 are estimated at 112 million head, down 4 percent from July 1 a year ago and 8 percent below July 1, 1984, according to the Agricultural Statistics Board. This is the lowest July 1 inventory since mid-year estimates were begun in 1973.

Cows and heifers that have calved, at 45.0 million, are down 3 percent from July 1, 1985 and 8 percent below July 1, 1984.

Other classes on July 1 and the change from one and two years earlier, respectively, are as follows:

- Beef cows, 34.2 million, down 3 percent and 10 percent.
- Milk cows, 10.9 million, down 2 percent but fractionally higher.
- All heifers 500 pounds and over, 17.5 million, down 4 percent and 5 percent.
- Beef replacement heifers, 4.80 million, down 2 percent and 13 percent.
- Milk replacement heifers, 4.70 million, down 6 percent and 5 percent.
- Other heifers, 8.00 million, down 4 percent and 1 percent.
- Steers 500 pounds and over, 15.3 million, down 4 percent and 7 percent.
- Bulls 500 pounds and over, 2.20 million, down 4 percent and 12 percent.
- Calves under 500 pounds, 32.2 million, down 4 percent and 9 percent.

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CATTLE AND CALVES: NUMBER BY CLASS AND CALF CROP, UNITED STATES,
JULY 1, 1984-86

CLASS	1984	1985	1986	1986 AS % 1985
	1,000 HEAD			PERCENT
CATTLE AND CALVES	121,500	116,300	112,200	96
COWS AND HEIFERS THAT HAVE CALVED:				
BEEF COWS	48,700	46,300	45,000	97
MILK COWS	37,900	35,250	34,150	97
HEIFERS 500 POUNDS AND OVER	10,800	11,050	10,850	98
FOR BEEF COW REPLACEMENT	18,500	18,200	17,500	96
FOR MILK COW REPLACEMENT	5,500	4,900	4,800	98
OTHER HEIFERS	4,950	5,000	4,700	94
STEERS 500 POUNDS AND OVER	8,050	8,300	8,000	96
BULLS 500 POUNDS AND OVER	16,400	15,900	15,300	96
CALVES UNDER 500 POUNDS	2,500	2,300	2,200	96
CALF CROP 1/	35,400	33,600	32,200	96
	42,500	41,045	40,100	98

1/ FOR THE CURRENT YEAR, THE CALF CROP IS THE NUMBER OF CALVES BORN BEFORE JULY 1 PLUS THE NUMBER EXPECTED TO BE BORN ON AND AFTER JULY 1.

(CONTINUED FROM PAGE 1)

CALF CROP DOWN 2 PERCENT

The 1986 calf crop is expected to be 40.1 million, down 2 percent from 1985 and 6 percent below 1984. Calves born during the first half of the year (January through June) are estimated at 28.8 million, down 2 percent from the first half of 1985.

RELIABILITY AND ESTIMATING PROCEDURES

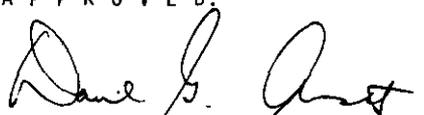
Primary data used in making cattle estimates in this report were obtained from a sample of farmers and ranchers across the U.S. using probability surveys. Nationally, these surveys included information from about 5,000 farmers and ranchers sampled from livestock lists plus farm and ranch operations in 15,700 small area segments. Information was collected by mail, telephone, and personal interview. Since all operations with cattle were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is about two percent of the total cattle and calves at the national level. This means that chances are approximately 95 out of 100 that the survey estimate will be within four percent of the complete coverage value if the same procedures were used to survey all producers.

The relative sampling variability of estimates on all cows and calf crop is slightly larger than that for total inventory. More important, the final 1986 calf crop can change from the preliminary estimate because the actual calves born after July 1 may differ from expectations. The differences in the preliminary and final calf crop have exceeded 2 percent twice in the last 10 years.

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

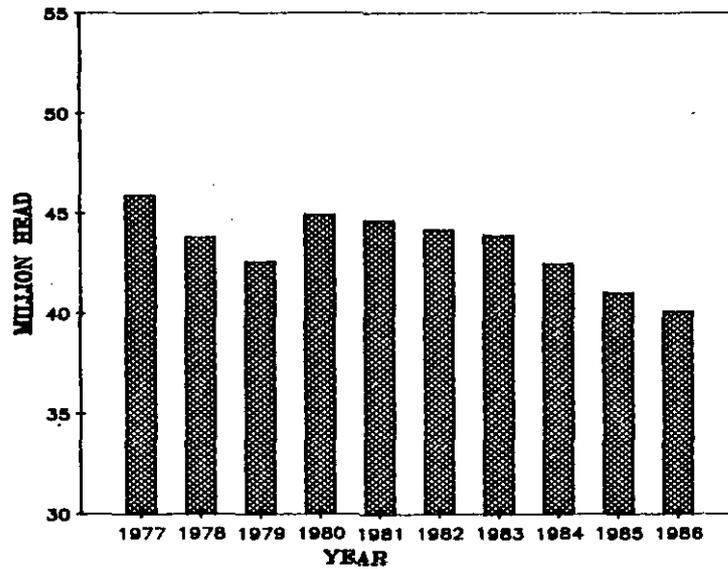
In setting the inventory estimates, the Agricultural Statistics Board used survey estimates of inventory numbers, births, and deaths. These survey estimates were combined with reliable check data from other sources on slaughter, imports and exports to construct a national balance sheet, see page 3, which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

A P P R O V E D:


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CALF CROP, UNITED STATES BY YEARS



CALF CROP: NUMBER AND PERCENT OF TOTAL BY SIX MONTH PERIOD
UNITED STATES, 1984-86

PERIOD	1984		1985		1986	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1 - JUN 30	30,400	71.5	29,350	71.5	28,800	71.8
JUL 1 - DEC 31 1/	12,100	28.5	11,695	28.5	11,300	28.2
TOTAL	42,500	100.0	41,045	100.0	40,100	100.0

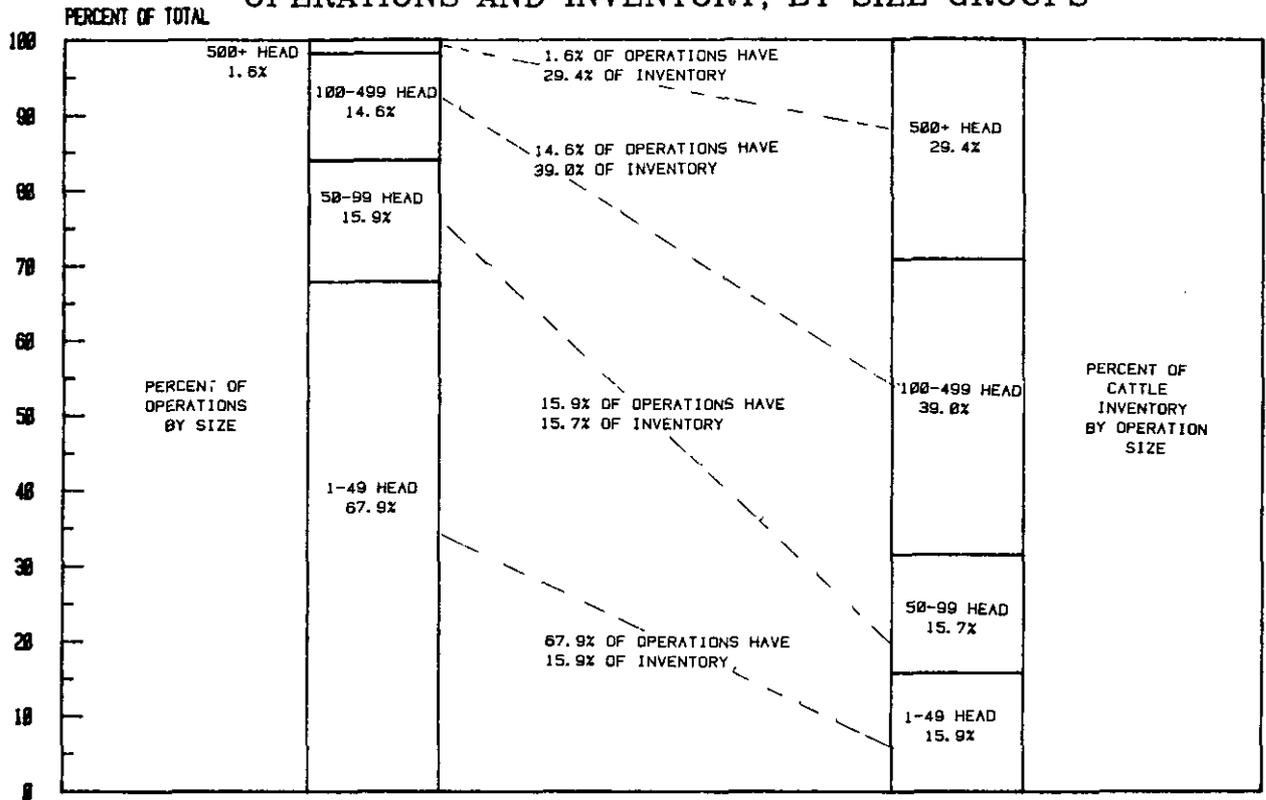
1/ EXPECTED CALF CROP FOR 1986.

UNITED STATES BALANCE SHEET CATTLE AND CALVES JANUARY 1 - JUNE 30

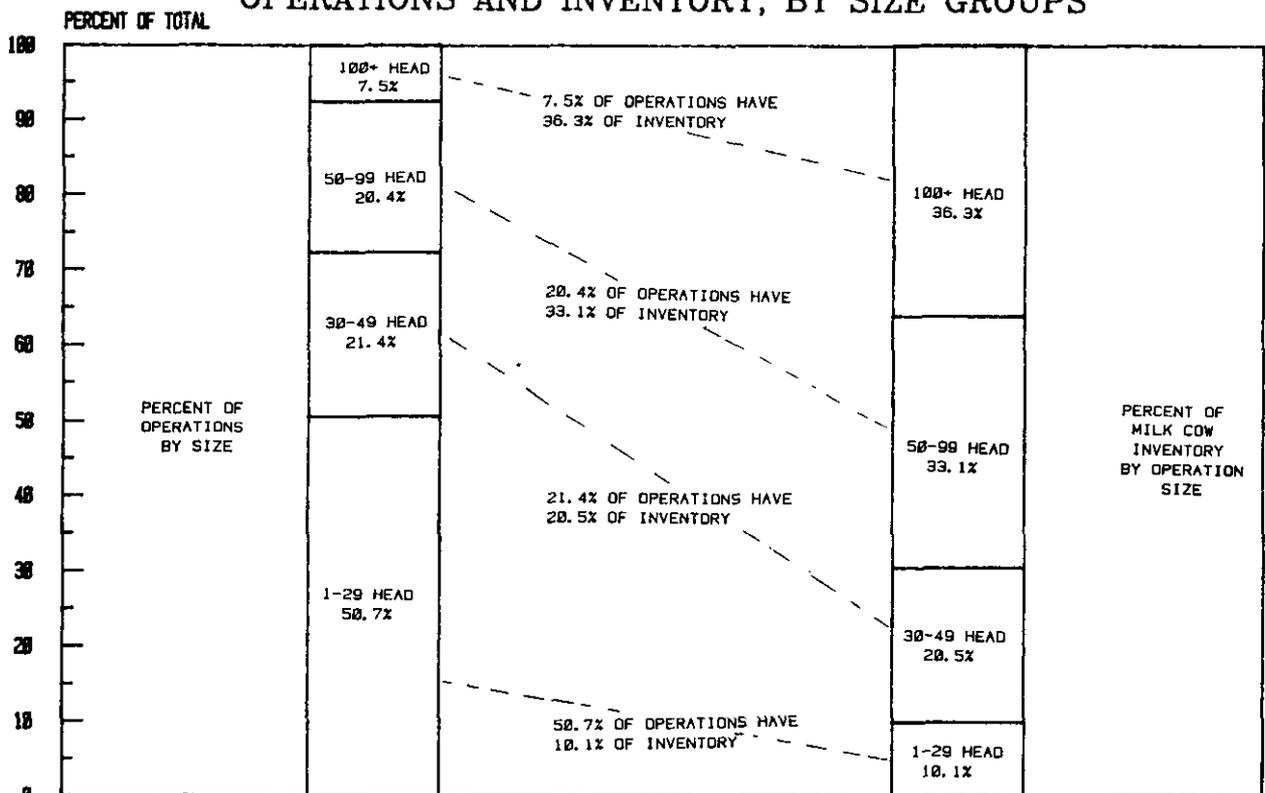
ITEM	1984	1985	1986 1/
	MILLION		
JANUARY 1 INVENTORY	113.7	109.7	105.5
CALF CROP AND IMPORTS	30.9	29.7	29.5
TOTAL SUPPLY	144.6	139.4	135.0
SLAUGHTER	20.3	19.7	20.3
DEATHS AND EXPORTS	3.4	3.0	2.8
TOTAL DISAPPEARANCE	23.7	22.7	23.1
RESIDUAL	(.6)	(-.4)	(.3)
JULY 1 INVENTORY	121.5	116.3	112.2

1/ PRELIMINARY

CATTLE AND CALVES, U.S. 1985, PERCENT OF CATTLE OPERATIONS AND INVENTORY, BY SIZE GROUPS



MILK COWS, U.S. 1985, PERCENT OF OPERATIONS AND INVENTORY, BY SIZE GROUPS



CATTLE AND CALVES: PERCENT OF OPERATIONS BY SIZE GROUPS, 1984-85
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	OPERATIONS HAVING:							
	1-49 HEAD		50-99 HEAD		100-499 HEAD		500+ HEAD	
	1984	1985	1984	1985	1984	1985	1984	1985
PERCENT								
ALABAMA	81.0	81.0	11.0	10.7	7.5	7.7	0.5	0.6
ARKANSAS	75.0	73.5	16.0	16.2	9.0	10.3	2/	2/
CALIFORNIA	77.2	75.0	5.7	6.5	11.4	12.3	5.7	6.2
COLORADO	55.3	53.9	14.2	14.4	25.8	26.7	4.7	5.0
FLORIDA	80.9	78.1	8.1	8.3	7.4	10.2	3.6	3.4
GEORGIA	75.7	75.7	14.1	14.1	9.7	9.7	0.5	0.5
IDAHO	65.0	64.7	14.5	14.2	17.5	17.4	3.0	3.7
ILLINOIS	63.3	64.8	19.3	18.6	16.7	15.9	0.7	0.7
INDIANA	83.3	82.6	9.0	9.1	7.7	8.3	2/	2/
IOWA	47.0	51.6	23.9	23.1	27.9	24.2	1.2	1.1
KANSAS	52.9	51.2	19.4	21.9	25.0	24.0	2.7	2.9
KENTUCKY	76.9	75.8	14.6	15.8	8.5	8.4	2/	2/
MINNESOTA	58.6	53.8	23.6	25.6	17.2	19.9	0.6	0.7
MISSISSIPPI	75.0	76.5	14.2	12.6	10.0	10.0	0.8	0.9
MISSOURI	68.0	68.4	18.0	17.1	13.5	14.0	0.5	0.5
MONTANA	39.8	43.2	15.1	16.7	36.7	33.3	8.4	6.8
NEBRASKA	38.5	37.2	23.1	23.4	32.3	33.1	6.1	6.3
NEW MEXICO	64.4	60.0	11.1	14.4	17.8	18.9	6.7	6.7
NEW YORK	63.2	62.1	21.0	21.7	15.8	16.2	2/	2/
NORTH DAKOTA	31.9	33.2	28.7	25.8	37.5	39.1	1.9	1.9
OHIO	80.0	77.8	12.0	13.3	8.0	8.9	2/	2/
OKLAHOMA	63.6	63.1	17.3	16.8	17.1	18.4	2.0	1.7
PENNSYLVANIA	68.1	69.6	20.4	18.7	11.5	11.7	2/	2/
SOUTH DAKOTA	29.3	29.6	22.6	23.1	43.3	42.3	4.8	5.0
TENNESSEE	84.2	84.2	10.3	10.0	5.5	5.8	2/	2/
TEXAS	71.7	70.9	13.8	14.0	12.0	12.5	2.5	2.6
WISCONSIN	47.0	46.8	32.6	32.5	20.4	20.7	2/	2/
WYOMING	41.4	34.5	13.8	13.8	31.0	37.9	13.8	13.8
28 STS	65.8	65.4	17.0	17.1	15.6	15.8	1.6	1.7
22 OTHER STS	79.2	79.4	10.2	10.3	9.5	9.2	1.1	1.1
U.S.	68.1	67.9	15.8	15.9	14.5	14.6	1.6	1.6

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE CATTLE ON HAND DURING THE YEAR. PERCENTS REFLECT AVERAGE DISTRIBUTIONS OF VARIOUS PROBABILITY SURVEYS CONDUCTED DURING THE YEAR BUT ARE BASED PRIMARILY ON END-OF-YEAR SURVEYS.
 2/ COMBINED WITH OTHER SIZE GROUPS.

CATTLE AND CALVES: PERCENT OF INVENTORY BY SIZE GROUPS, 1984-85
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	INVENTORY ON OPERATIONS HAVING:							
	1-49 HEAD		50-99 HEAD		100-499 HEAD		500+ HEAD	
	1984	1985	1984	1985	1984	1985	1984	1985
PERCENT								
ALABAMA	33.9	33.7	18.8	18.8	34.7	33.7	12.6	13.8
ARKANSAS	31.3	29.4	24.9	24.3	36.2	38.3	7.6	8.0
CALIFORNIA	5.5	5.1	3.0	3.1	20.2	21.8	71.3	70.0
COLORADO	4.7	4.1	6.7	6.2	33.2	32.5	55.4	57.2
FLORIDA	11.7	10.4	5.7	5.6	18.7	22.7	63.9	61.3
GEORGIA	26.8	26.5	20.6	20.6	42.3	42.3	10.3	10.6
IDAHO	10.7	9.7	11.2	10.6	38.2	35.8	39.9	43.9
ILLINOIS	17.6	18.6	24.0	22.3	49.4	48.8	9.0	10.3
INDIANA	39.5	35.0	18.0	19.1	36.7	39.5	5.8	6.4
IOWA	11.8	13.7	18.2	19.6	56.8	52.6	13.2	14.1
KANSAS	8.3	8.0	11.0	12.4	39.2	39.0	41.5	40.6
KENTUCKY	33.5	33.0	26.5	26.0	35.0	35.8	5.0	5.2
MINNESOTA	16.7	15.0	27.6	26.7	48.1	50.3	7.6	8.0
MISSISSIPPI	23.0	24.0	20.9	18.5	38.0	40.0	18.1	17.5
MISSOURI	22.3	22.9	23.7	22.1	47.0	47.7	7.0	7.3
MONTANA	3.8	4.5	5.6	7.5	44.6	44.1	46.0	43.9
NEBRASKA	4.9	4.5	10.0	9.9	37.9	38.2	47.2	47.4
NEW MEXICO	5.3	5.0	5.0	6.5	26.9	28.1	62.8	60.4
NEW YORK	20.0	19.0	27.0	26.7	49.0	49.7	4.0	4.6
NORTH DAKOTA	6.3	6.5	16.6	15.0	63.4	65.0	13.7	13.5
OHIO	34.3	32.6	21.2	23.1	37.1	37.0	7.4	7.3
OKLAHOMA	14.1	14.2	15.7	14.8	41.3	46.0	28.9	25.0
PENNSYLVANIA	24.2	23.5	32.6	31.5	40.5	41.9	2.7	3.1
SOUTH DAKOTA	4.6	4.6	9.8	10.6	58.0	56.3	27.6	28.5
TENNESSEE	43.4	44.0	23.1	21.6	30.0	30.4	3.5	4.0
TEXAS	14.2	14.0	11.0	11.0	28.4	27.9	46.4	47.1
WISCONSIN	15.3	14.3	34.9	35.0	47.3	48.2	2.5	2.5
WYOMING	2.6	2.0	4.3	4.3	29.3	30.7	63.8	63.0
28 STS	15.2	15.0	16.0	16.0	39.2	39.4	29.6	29.6
22 OTHER STS	21.0	21.8	13.8	14.0	36.9	36.2	28.3	28.0
U.S.	15.9	15.9	15.7	15.7	39.0	39.0	29.4	29.4

1/ PERCENTS REFLECT AVERAGE DISTRIBUTIONS OF VARIOUS PROBABILITY SURVEYS CONDUCTED DURING THE YEAR BUT ARE BASED PRIMARILY ON END-OF-YEAR SURVEYS.

MILK COWS: PERCENT OF OPERATIONS BY SIZE GROUPS, 1984-85
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	OPERATIONS HAVING:							
	1-29 HEAD		30-49 HEAD		50-99 HEAD		100+ HEAD	
	1984	1985	1984	1985	1984	1985	1984	1985
	PERCENT							
ALABAMA	82.9	78.8	1.4	1.9	7.6	8.1	8.1	11.2
ARKANSAS	56.0	56.0	15.2	15.2	21.6	21.6	7.2	7.2
CALIFORNIA	58.5	57.7	2.8	2.9	6.6	6.7	32.1	32.7
COLORADO	85.7	86.4	2.6	2.1	5.4	5.1	6.3	6.4
FLORIDA	75.0	72.9	2/	2/	2/	2/	25.0	27.1
GEORGIA	60.0	59.1	4.0	2.3	15.2	15.9	20.8	22.7
IDAHO	60.2	61.9	12.5	11.9	15.9	16.7	11.4	9.5
ILLINOIS	27.1	25.4	35.6	33.9	33.1	34.8	4.2	5.9
INDIANA	66.8	66.5	13.8	13.2	16.3	16.7	3.1	3.6
IOWA	54.4	53.3	24.5	22.9	19.1	21.9	2.0	1.9
KANSAS	62.5	54.1	16.0	18.6	16.5	21.1	5.0	6.2
KENTUCKY	66.9	63.4	17.8	18.8	12.2	14.1	3.1	3.7
LOUISIANA	68.1	70.0	6.2	5.5	16.3	14.8	9.4	9.7
MARYLAND	32.6	34.1	17.4	17.3	30.4	29.1	19.6	19.5
MICHIGAN	43.3	43.3	22.2	20.0	24.5	25.6	10.0	11.1
MINNESOTA	39.2	35.2	38.3	38.3	20.0	23.0	2.5	3.5
MISSISSIPPI	62.4	62.0	6.4	6.0	16.8	17.2	14.4	14.8
MISSOURI	71.3	70.0	10.5	10.9	15.1	15.9	3.1	3.2
NEBRASKA	67.7	67.8	14.6	14.0	14.6	14.4	3.1	3.8
NEW YORK	30.8	30.3	28.0	27.6	30.6	30.9	10.6	11.2
N. CAROLINA	73.0	72.4	6.8	5.6	12.0	12.2	8.2	9.8
NORTH DAKOTA	58.1	50.0	23.5	24.9	16.0	22.0	2.4	3.1
OHIO	56.6	52.7	19.5	19.1	18.6	21.8	5.3	6.4
OKLAHOMA	77.4	75.5	6.6	6.6	9.4	11.3	6.6	6.6
OREGON	76.3	76.3	5.3	5.3	7.9	7.9	10.5	10.5
PENNSYLVANIA	38.6	39.1	30.5	30.0	25.7	25.2	5.2	5.7
TENNESSEE	70.4	70.1	11.3	11.2	12.6	12.7	5.7	6.0
TEXAS	71.1	70.5	2.6	2.7	10.3	10.5	16.0	16.3
UTAH	61.3	62.6	9.2	8.3	17.0	16.9	12.5	12.2
VERMONT	27.8	25.7	25.0	25.7	36.1	37.2	11.1	11.4
VIRGINIA	71.4	78.3	7.9	5.3	14.3	9.9	6.4	6.5
WASHINGTON	53.3	48.5	5.6	8.8	20.8	22.1	20.3	20.6
WISCONSIN	29.5	27.8	40.2	39.5	26.3	28.3	4.0	4.4
OTH 17 STS	71.0	67.5	11.6	12.6	11.8	13.0	5.6	6.9
U.S.	52.2	50.7	21.6	21.4	19.3	20.4	6.9	7.5

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE MILK COWS ON HAND DURING THE YEAR. PERCENTS REFLECT AVERAGE DISTRIBUTIONS OF VARIOUS PROBABILITY SURVEYS CONDUCTED DURING THE YEAR BUT ARE BASED PRIMARILY ON END-OF-YEAR SURVEYS.

2/ COMBINED WITH OTHER SIZE GROUPS.

MILK COWS: PERCENT OF INVENTORY BY SIZE GROUPS, 1984-85
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	INVENTORY ON OPERATIONS HAVING:							
	1-29 HEAD		30-49 HEAD		50-99 HEAD		100+ HEAD	
	1984	1985	1984	1985	1984	1985	1984	1985
	PERCENT							
ALABAMA	11.2	10.6	2.0	2.1	23.5	19.2	63.3	68.1
ARKANSAS	2.5	2.6	16.5	16.6	44.3	43.6	36.7	37.2
CALIFORNIA	0.4	0.5	0.6	0.6	2.8	2.7	96.2	96.2
COLORADO	10.0	11.0	4.7	3.7	20.0	21.9	65.3	63.4
FLORIDA	0.9	0.8	2/	2/	2/	2/	99.1	99.2
GEORGIA	1.8	1.7	2.9	1.7	23.3	21.0	72.0	75.6
IDAHO	8.5	9.2	10.3	10.9	26.7	27.6	54.5	52.3
ILLINOIS	6.3	4.1	30.5	27.2	46.8	50.4	16.4	18.3
INDIANA	17.8	17.1	22.8	21.9	44.7	45.4	14.7	15.6
IOWA	18.6	22.2	33.0	28.9	39.7	41.7	8.7	7.2
KANSAS	13.0	9.6	22.2	21.7	38.9	43.5	25.9	25.2
KENTUCKY	21.1	20.1	27.2	26.9	33.6	34.6	18.1	18.4
LOUISIANA	5.3	6.3	9.5	8.3	34.7	34.4	50.5	51.0
MARYLAND	2.9	5.6	11.2	11.3	35.5	32.3	50.4	50.8
MICHIGAN	9.2	9.8	19.8	16.9	37.4	38.0	33.6	35.3
MINNESOTA	17.3	15.4	40.1	38.0	33.9	34.0	8.7	12.6
MISSISSIPPI	3.6	3.5	5.9	5.8	40.5	40.7	50.0	50.0
MISSOURI	15.1	14.0	18.7	18.7	46.7	48.1	19.5	19.2
NEBRASKA	15.7	17.0	23.5	20.5	41.2	40.2	19.6	22.3
NEW YORK	6.2	6.2	22.3	21.2	40.5	40.1	31.0	32.5
N. CAROLINA	4.7	4.7	7.9	7.1	33.9	32.3	53.5	55.9
NORTH DAKOTA	21.6	14.7	32.0	29.4	34.0	41.2	12.4	14.7
OHIO	22.4	18.7	21.0	21.0	35.5	38.0	21.1	22.3
OKLAHOMA	11.2	8.9	12.2	12.4	29.9	34.5	46.7	44.2
OREGON	15.6	15.7	8.3	8.8	21.9	22.6	54.2	52.9
PENNSYLVANIA	11.3	11.0	31.6	29.1	38.9	39.2	18.2	20.7
TENNESSEE	25.2	26.7	14.8	14.3	29.0	28.1	31.0	30.9
TEXAS	4.1	4.0	2.9	2.8	21.3	21.8	71.7	71.4
UTAH	5.0	4.9	10.5	8.5	34.5	30.5	50.0	56.1
VERMONT	2.7	2.7	18.8	18.6	46.2	46.3	32.3	32.4
VIRGINIA	9.3	20.0	12.3	9.1	40.1	30.3	38.3	40.6
WASHINGTON	3.8	2.5	3.8	5.1	21.3	25.1	71.1	67.3
WISCONSIN	12.3	11.2	36.2	34.5	39.7	41.3	11.8	13.0
OTH 17 STS	9.0	9.0	14.5	14.0	30.3	30.5	46.2	46.5
U.S.	10.5	10.1	21.7	20.5	32.7	33.1	35.1	36.3

1/ PERCENTS REFLECT AVERAGE DISTRIBUTIONS OF VARIOUS PROBABILITY SURVEYS CONDUCTED DURING THE YEAR BUT ARE BASED PRIMARILY ON END-OF-YEAR SURVEYS.
 2/ COMBINED WITH OTHER SIZE GROUPS.