
Cattle



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Board

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ALL CATTLE AND CALVES in the United States as of July 1, 1990, totaled 108.9 million head, virtually unchanged from the July 1 level of both a year ago and two years ago, according to the Agricultural Statistics Board. This is the second consecutive year that the inventory level has shown a small increase in number.

All cows and heifers that have calved, at 44.4 million, were up fractionally from 44.3 million on both July 1, 1989, and two years ago.

- Beef cows, at 34.3 million, were up slightly from July 1, 1989, and 1 percent above July 1988.
- Milk cows, at 10.1 million, were unchanged from July 1, 1989, but 1 percent below two years ago.

Other class estimates on July 1, 1990, and the changes from July 1 last year and two years ago, respectively, are as follows:

- All heifers 500 pounds and over, 16.8 million, up 1 percent and 2 percent.
- Beef replacement heifers, 5.20 million, up 4 percent and 8 percent.
- Milk replacement heifers, 4.30 million, down 4 percent and 2 percent.
- Other heifers, 7.30 million, up 1 percent and unchanged.
- Steers weighing 500 pounds and over, 14.7 million, up 1 percent from both years.
- Bulls weighing 500 pounds and over, 2.20 million, unchanged from both years.
- Calves under 500 pounds, 30.8 million, down fractionally and 1 percent.

CALF CROP DOWN FRACTIONALLY

The 1990 calf crop is expected to be 40.0 million, down fractionally from 1989 and 1 percent below 1988. Calves born during the first half of the year are estimated at 28.9 million, down 1 percent from a year ago and 1988.

LvGn 1 (7-90)

For Information Call: Steve Noyes (202) 447-3040

CATTLE AND CALVES: NUMBER BY CLASS AND CALF CROP, UNITED STATES,
JULY 1, 1988-90

CLASS	1988	1989	1990	1990 AS % 1989
	1,000 HEAD			PERCENT
CATTLE AND CALVES	108,500	108,600	108,900	100
COWS AND HEIFERS THAT HAVE CALVED:	44,300	44,300	44,400	100
BEEF COWS	34,050	34,200	34,300	100
MILK COWS	10,250	10,100	10,100	100
HEIFERS 500 POUNDS AND OVER	16,500	16,700	16,800	101
FOR BEEF COW REPLACEMENT	4,800	5,000	5,200	104
FOR MILK COW REPLACEMENT	4,400	4,500	4,300	96
OTHER HEIFERS	7,300	7,200	7,300	101
STEERS 500 POUNDS AND OVER	14,500	14,500	14,700	101
BULLS 500 POUNDS AND OVER	2,200	2,200	2,200	100
CALVES UNDER 500 POUNDS	31,000	30,900	30,800	100
CALF CROP 1/	40,588	40,142	40,000	100

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.

RELIABILITY AND ESTIMATING PROCEDURES

Primary data used in setting these cattle estimates were obtained from a sample of producers across the U.S. using probability surveys. These surveys collected information from 11,600 operators selected from a list of agricultural producers, plus additional information from operators of 4,100 small land area tracts. Information was collected during the first half of July by mail, telephone, and personal interview, referencing July 1. Since all operations raising 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 1.2 percent at the U. S. level for all cattle inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within 2.4 percent of the value developed by all possible samples selected from the same population and surveyed using the same procedures. The relative standard error for estimates of all cows and calf crop is 1.3 percent. The relative standard error for other individual classes ranges from 1.4 to 4.2 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 constructed a U.S. balance sheet (on page 3) using estimates on births, deaths, check data on slaughter, and imports and exports, which provided an additional check on survey inventory estimates.

A P P R O V E D:

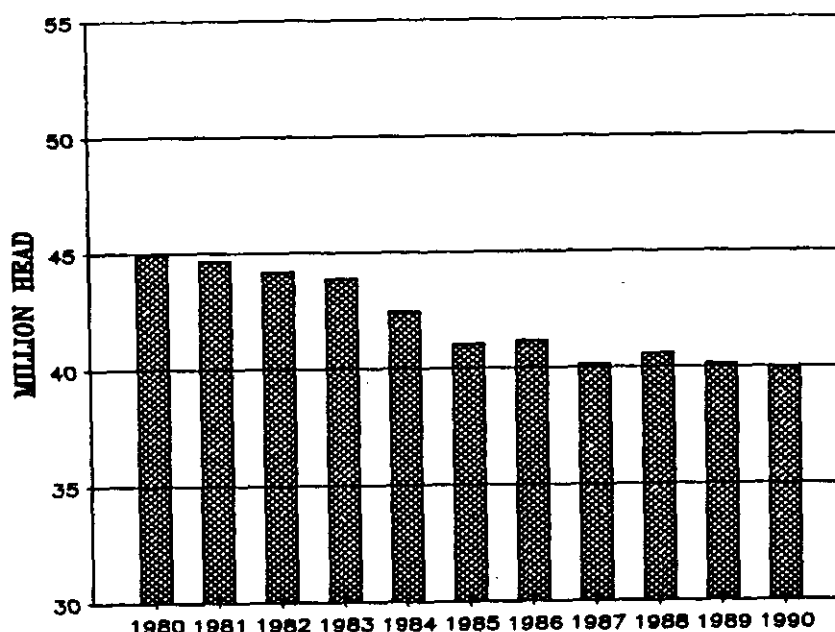
J. A. R. Smith

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CALF CROP, UNITED STATES BY YEARS



CALF CROP: NUMBER AND PERCENT OF TOTAL
BY SIX MONTH PERIOD UNITED STATES, 1988-90

PERIOD	1988		1989		1990	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1 - JUN 30	29,200	71.9	29,100	72.5	28,900	72.2
JUL 1 - DEC 31	11,388	28.1	11,042	27.5	11,100	27.8
TOTAL 1/	40,588	100.0	40,142	100.0	40,000	100.0

1/ EXPECTED CALF CROP FOR 1990.

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

ITEM	1988	1989	1990
	MILLION HEAD		
JANUARY 1 INVENTORY	99.6	99.2	99.3
CALF CROP AND IMPORTS	30.1	29.9	30.0
TOTAL SUPPLY 2/	129.8	129.1	129.4
SLAUGHTER	18.7	18.1	17.7
DEATHS AND EXPORTS	2.7	2.7	2.5
TOTAL DISAPPEARANCE 2/	21.4	20.7	20.2
RESIDUAL 2/	.1	.2	-.3
JULY 1 INVENTORY	108.5	108.6	108.9

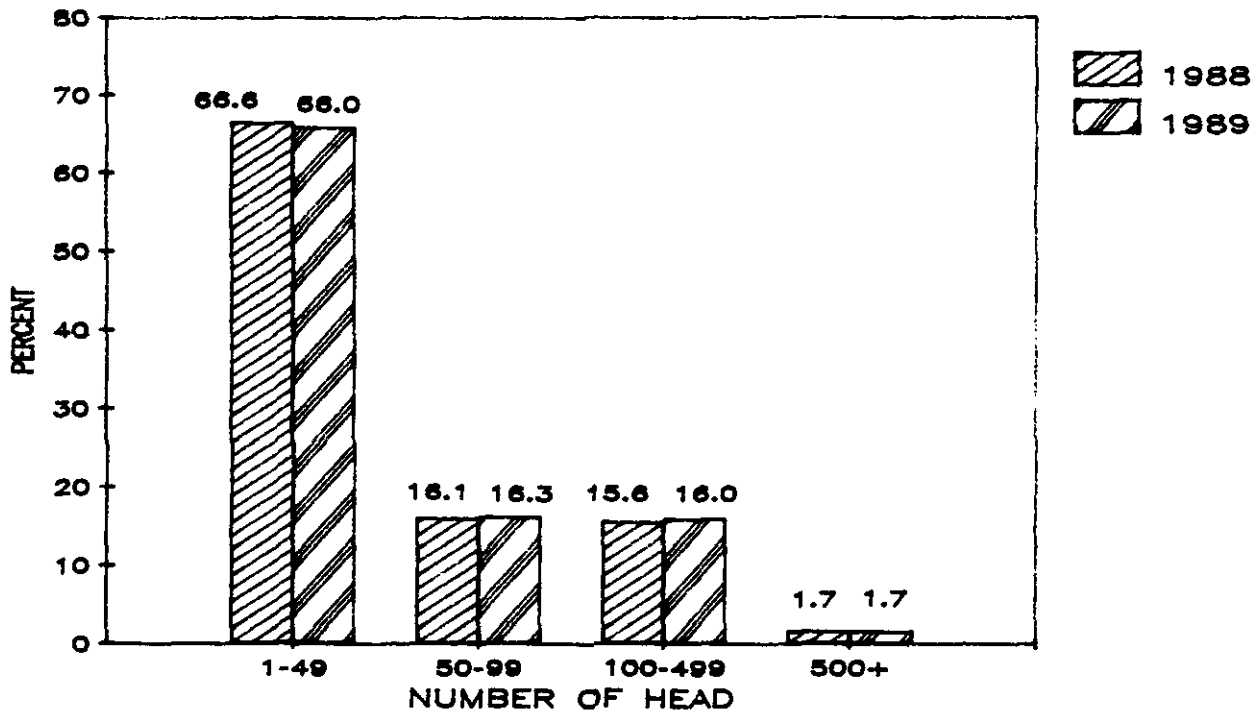
1/ PRELIMINARY. 2/ TOTALS MAY NOT ADD DUE TO ROUNDING.

NUMBER OF OPERATIONS WITH CATTLE 1988-89 1/, AND CATTLE
INVENTORY, JANUARY 1, 1989-90, SELECTED STATES

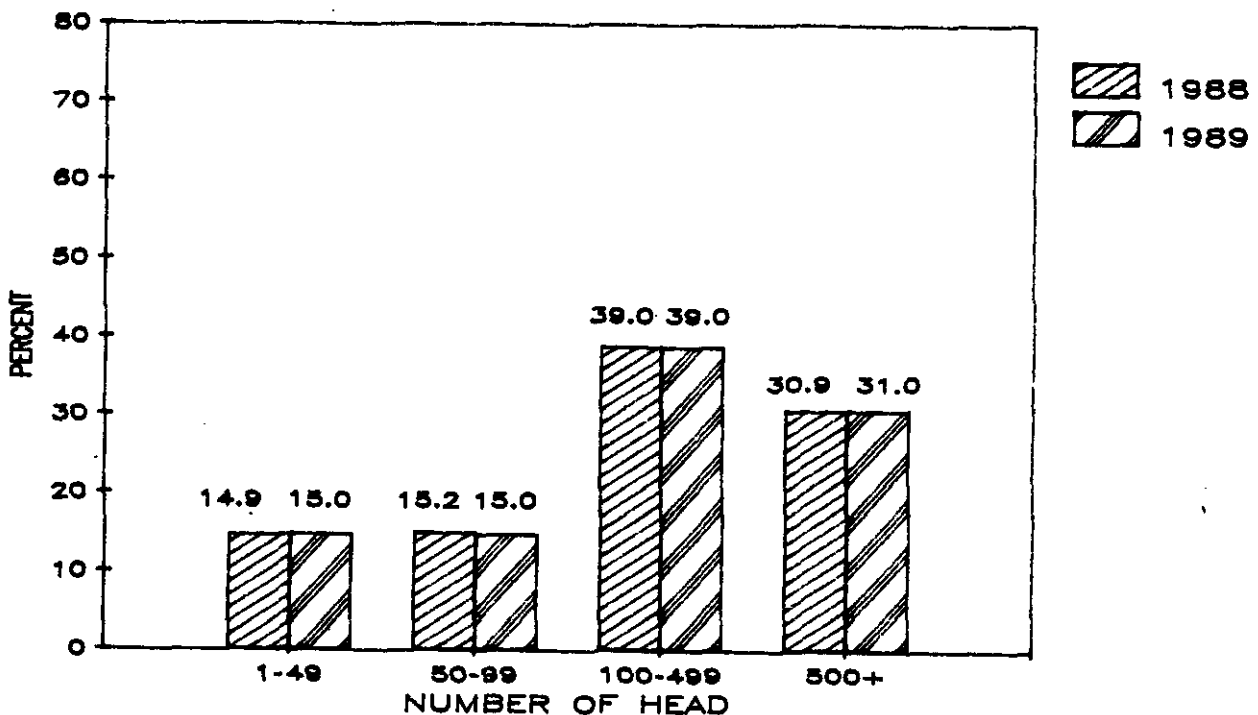
STATE	OPERATIONS WITH CATTLE		JANUARY 1 CATTLE INVENTORY	
	1988	1989	1989	1990
	NUMBER		1,000 HEAD	
AL	38,000	37,000	1,800	1,780
AR	34,000	34,000	1,750	1,750
CA	31,000	31,000	4,700	4,900
CO	15,000	15,000	2,850	2,900
FL	21,000	21,000	1,975	1,925
GA	33,000	32,000	1,500	1,450
ID	16,500	16,000	1,650	1,660
IL	36,000	34,000	1,950	1,950
IN	38,000	37,000	1,290	1,300
IA	53,000	52,000	4,600	4,700
KS	42,000	41,000	5,650	5,700
KY	59,000	59,000	2,500	2,420
MN	43,000	43,000	2,820	2,650
MS	30,000	29,000	1,390	1,390
MO	87,000	83,000	4,500	4,500
MT	15,400	15,200	2,450	2,350
NE	32,000	31,000	5,500	5,800
NM	9,000	9,000	1,350	1,380
NY	24,000	23,000	1,525	1,540
ND	16,000	16,300	1,600	1,750
OH	42,000	42,000	1,760	1,680
OK	62,000	62,000	5,150	5,300
PA	42,000	40,000	1,900	1,890
SD	23,000	23,000	3,480	3,380
TN	68,000	66,000	2,300	2,325
TX	144,000	142,000	13,600	13,400
WI	58,000	57,000	4,130	4,170
WY	5,900	5,900	1,380	1,220
28 STS	1,117,800	1,096,400	87,050	87,160
22 STS	237,920	230,400	12,130	12,177
U.S.	1,355,720	1,326,800	99,180	99,337

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE HEAD OF THE SPECIES ON HAND AT ANY TIME DURING THE YEAR.

U. S. CATTLE OPERATIONS PERCENT BY SIZE GROUPS, 1988-89



U. S. CATTLE INVENTORY PERCENT BY SIZE GROUPS, 1988-89



CATTLE AND CALVES: PERCENT OF OPERATIONS BY SIZE GROUPS, 1988-89
SELECTED STATES, REGIONS, AND U.S. 1/

STATE	OPERATIONS HAVING							
	1-49 HEAD		50-99 HEAD		100-499 HEAD		500+ HEAD	
	1988	1989	1988	1989	1988	1989	1988	1989
PERCENT								
AL	76.9	70.0	13.3	19.0	9.0	10.2	0.8	0.8
AR	70.6	67.6	17.1	19.0	12.3	13.4	2/	2/
CA	72.1	71.0	7.3	7.1	13.6	14.5	7.0	7.4
CO	45.3	45.3	17.3	18.0	30.7	30.0	6.7	6.7
FL	79.1	79.5	10.0	8.6	7.6	9.0	3.3	2.9
GA	77.0	76.7	12.4	13.0	10.0	9.7	0.6	0.6
ID	66.5	64.0	12.3	12.9	17.4	19.0	3.8	4.1
IL	67.0	69.0	16.9	17.3	15.3	13.0	0.8	0.7
IN	79.0	78.4	11.3	11.9	9.2	9.7	0.5	2/
IA	50.0	47.0	22.1	22.4	26.4	29.0	1.5	1.6
KS	52.9	50.0	19.1	19.8	24.0	26.0	4.0	4.2
KY	75.4	75.0	14.8	15.4	9.8	9.6	2/	2/
MN	51.1	56.0	27.9	24.5	20.5	19.0	0.5	0.5
MS	75.0	74.0	13.3	13.9	10.7	11.0	1.0	1.1
MO	67.0	67.0	18.0	18.0	14.4	14.4	0.6	0.6
MT	45.9	46.0	15.9	13.8	31.8	33.0	6.4	7.2
NE	38.1	37.0	22.8	22.9	33.5	34.0	5.6	6.1
NM	51.1	51.3	22.2	21.0	20.0	21.0	6.7	6.7
NY	55.9	53.5	23.3	24.2	20.3	21.7	0.5	0.6
ND	33.1	34.0	25.0	22.0	40.0	42.0	1.9	2.0
OH	76.2	78.5	12.9	12.0	10.9	9.5	2/	2/
OK	61.3	63.0	18.5	17.0	18.1	17.9	2.1	2.1
PA	68.2	68.0	19.3	19.8	12.5	12.2	2/	2/
SD	29.0	30.0	23.0	23.0	43.0	42.2	5.0	4.8
TN	79.4	79.0	13.2	13.0	7.4	8.0	2/	2/
TX	71.5	69.0	13.2	15.0	12.8	13.6	2.5	2.4
WI	41.7	42.0	32.6	31.7	25.7	26.3	2/	2/
WY	39.0	48.0	11.9	10.0	35.6	32.0	13.5	10.0
28 STS	64.0	64.0	17.4	17.0	16.8	17.2	1.8	1.8
22 STS	78.7	77.0	9.9	11.7	10.3	10.0	1.1	1.3
U.S.	66.6	66.0	16.1	16.3	15.6	16.0	1.7	1.7

- 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, 1988-89
SELECTED STATES, REGIONS, AND U.S. 1/

STATE	INVENTORY ON OPERATIONS HAVING							
	1-49 HEAD		50-99 HEAD		100-499 HEAD		500+ HEAD	
	1988	1989	1988	1989	1988	1989	1988	1989
PERCENT								
AL	28.9	25.0	19.2	27.0	36.1	34.0	15.8	14.0
AR	26.8	24.4	22.3	25.0	42.3	42.0	8.6	8.6
CA	4.7	4.1	3.7	3.5	23.4	21.4	68.2	71.0
CO	3.5	3.1	6.3	6.2	32.3	31.0	57.9	59.7
FL	10.0	10.2	8.1	6.8	20.0	21.0	61.9	62.0
GA	28.4	28.0	18.7	20.0	42.0	41.0	10.9	11.0
ID	7.7	7.5	8.6	8.1	38.6	38.4	45.1	46.0
IL	21.0	24.0	20.4	21.0	48.3	44.0	10.3	11.0
IN	27.0	27.0	21.7	23.0	40.2	41.4	11.1	8.6
IA	12.0	11.0	18.0	18.0	52.0	54.0	18.0	17.0
KS	7.7	7.5	9.7	9.1	32.1	35.0	50.5	48.4
KY	31.2	32.0	24.5	26.0	39.1	37.3	5.2	4.7
MN	14.5	14.0	30.5	27.4	48.5	52.0	6.5	6.6
MS	23.7	22.0	17.8	18.0	40.3	41.0	18.2	19.0
MO	23.0	23.0	23.0	22.7	45.6	46.0	8.4	8.3
MT	4.8	4.8	7.7	6.2	43.0	44.0	44.5	45.0
NE	4.6	4.5	9.2	8.5	37.1	35.0	49.1	52.0
NM	4.8	5.1	8.9	8.7	28.1	28.2	58.2	58.0
NY	14.5	13.0	27.5	26.0	52.3	54.0	5.7	7.0
ND	7.0	7.0	17.2	16.0	62.3	64.0	13.5	13.0
OH	33.1	33.0	20.0	20.0	41.9	41.0	5.0	6.0
OK	15.0	15.0	15.3	15.0	40.4	40.0	29.3	30.0
PA	22.7	23.0	30.7	30.0	43.1	43.3	3.5	3.7
SD	4.5	4.8	10.5	10.2	56.0	55.0	29.0	30.0
TN	37.2	35.0	25.4	25.7	33.5	35.0	3.9	4.3
TX	14.2	15.0	10.2	11.0	29.6	30.0	46.0	44.0
WI	11.0	11.0	32.0	30.6	53.7	55.0	3.3	3.4
WY	3.6	3.7	3.4	3.3	33.3	36.0	59.7	57.0
28 STS	14.2	14.0	15.5	16.0	39.1	39.0	31.2	31.0
22 STS	20.0	18.0	13.8	16.0	37.9	37.0	28.3	29.0
U.S.	14.9	15.0	15.2	15.0	39.0	39.0	30.9	31.0

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

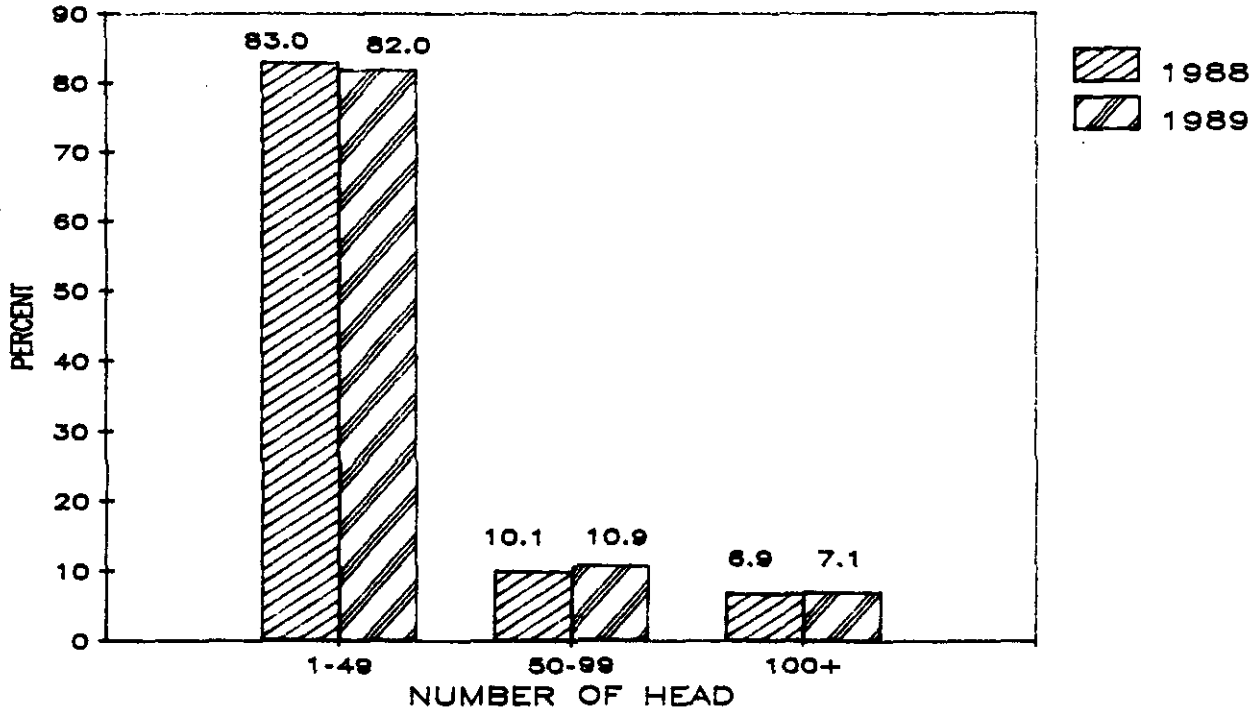
NUMBER OF OPERATIONS WITH BEEF COWS 1988-89 1/, AND BEEF COW
INVENTORY, JANUARY 1, 1989-90, SELECTED STATES

STATE	OPERATIONS WITH BEEF COWS 2/		JANUARY 1 BEEF COW INVENTORY	
	1988	1989	1989	1990
	NUMBER		1,000 HEAD	
AL	37,000	36,000	895	890
AR	29,000	29,000	932	922
CA	18,000	18,000	927	955
CO	11,000	10,800	805	774
FL	18,000	18,000	1,118	1,083
GA	29,000	28,000	700	671
ID	9,000	9,000	530	530
IL	22,000	21,000	520	555
IN	20,000	20,000	363	380
IA	33,000	33,000	1,210	1,202
KS	33,000	32,000	1,384	1,390
KY	47,000	47,000	1,063	1,040
MN	16,000	16,000	365	360
MS	28,000	27,000	712	717
MO	70,000	67,000	1,997	1,979
MT	13,300	13,000	1,380	1,368
NE	24,000	24,000	1,755	1,755
NM	7,000	7,000	578	610
NY	8,800	8,300	79	75
ND	13,700	13,900	832	912
OH	24,500	24,000	385	380
OK	51,000	51,000	1,849	1,900
PA	17,500	16,000	196	196
SD	18,500	18,500	1,506	1,505
TN	58,000	56,000	1,042	1,020
TX	127,000	125,000	5,320	5,310
WI	10,300	10,000	150	180
WY	4,700	5,100	685	650
28 STS	798,300	783,600	29,278	29,309
22 STS	172,180	166,040	4,237	4,396
U.S.	970,480	949,640	33,515	33,705

- 1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE BEEF COWS ON HAND AT ANY TIME DURING THE YEAR.
2/ INCLUDED IN OPERATIONS WITH CATTLE.

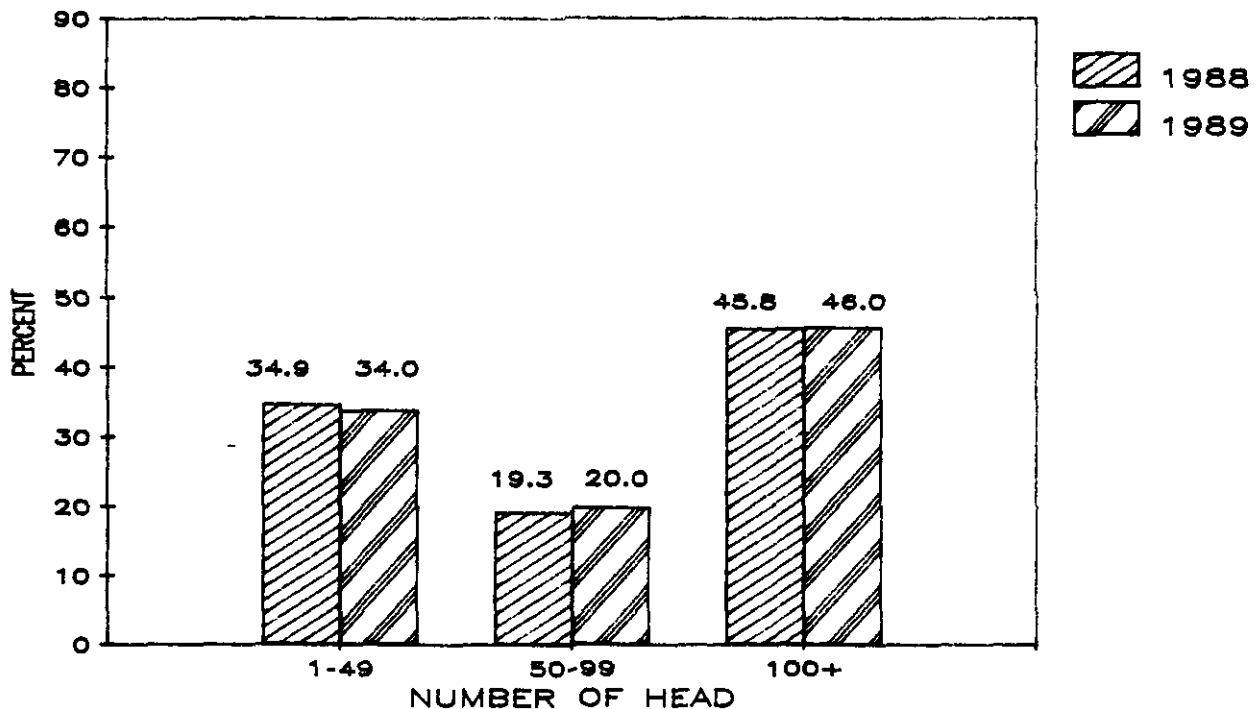
U. S. BEEF COW OPERATIONS

PERCENT BY SIZE GROUPS, 1988-89



U. S. BEEF COW INVENTORY

PERCENT BY SIZE GROUPS, 1988-89



BEEF COWS: PERCENT OF OPERATIONS BY SIZE GROUPS, 1988-89
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	OPERATIONS HAVING					
	1-49 HEAD		50-99 HEAD		100+ HEAD	
	1988	1989	1988	1989	1988	1989
PERCENT						
AL	89.5	88.9	5.8	7.5	4.7	3.6
AR	81.0	79.0	13.8	15.8	5.2	5.2
CA	78.9	78.0	8.3	8.9	12.8	13.1
CO	60.0	58.0	18.2	18.0	21.8	24.0
FL	83.3	81.0	7.2	7.8	9.5	11.2
GA	87.9	86.8	8.3	9.3	3.8	3.9
ID	72.2	71.0	11.1	12.0	16.7	17.0
IL	88.6	89.5	9.1	8.1	2.3	2.4
IN	93.5	93.0	5.0	5.5	1.5	1.5
IA	77.6	76.0	16.4	18.2	6.0	5.8
KS	73.3	69.0	17.0	19.0	9.7	12.0
KY	88.3	89.4	8.9	8.5	2.8	2.1
MN	88.7	88.7	8.8	9.1	2.5	2.2
MS	87.9	86.7	8.9	9.6	3.2	3.7
MO	85.0	85.0	10.7	10.4	4.3	4.6
MT	49.3	50.0	19.3	17.0	31.4	33.0
NE	57.5	59.0	20.8	20.0	21.7	21.0
NM	54.3	57.0	21.4	20.0	24.3	23.0
NY	97.7	97.6	1.4	1.9	0.9	0.5
ND	48.9	50.0	28.5	27.0	22.6	23.0
OH	94.7	95.8	4.1	3.3	1.2	0.9
OK	74.5	75.0	17.3	17.2	8.2	7.8
PA	97.1	97.5	2.4	1.9	0.5	0.6
SD	51.0	52.0	23.0	22.0	26.0	26.0
TN	91.4	91.1	6.7	7.1	1.9	1.8
TX	83.5	81.4	9.2	11.0	7.3	7.6
WI	95.1	94.0	3.5	4.0	1.4	2.0
WY	41.9	49.0	16.2	14.0	41.9	37.0
28 STS	81.5	81.0	11.1	11.3	7.4	7.7
22 STS	90.3	89.1	5.6	6.6	4.1	4.3
U.S.	83.0	82.0	10.1	10.9	6.9	7.1

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE BEEF 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.

BEEF COWS: PERCENT OF INVENTORY BY SIZE GROUPS, 1988-89
 SELECTED STATES, REGIONS, AND U.S. 1/

STATE	INVENTORY ON OPERATIONS HAVING					
	1-49 HEAD		50-99 HEAD		100+ HEAD	
	1988	1989	1988	1989	1988	1989
PERCENT						
AL	51.0	50.0	13.9	22.0	35.1	28.0
AR	44.5	42.0	27.9	31.0	27.6	27.0
CA	15.2	14.0	11.5	11.0	73.3	75.0
CO	14.9	14.0	16.8	16.0	68.3	70.0
FL	16.0	15.0	9.0	8.3	75.0	76.7
GA	50.7	48.0	22.9	25.0	26.4	27.0
ID	15.8	15.0	13.1	13.0	71.1	72.0
IL	60.4	63.0	26.0	21.0	13.6	16.0
IN	63.4	63.0	19.7	20.0	16.9	17.0
IA	43.1	45.0	29.0	32.0	27.9	23.0
KS	30.6	27.0	25.7	25.0	43.7	48.0
KY	55.8	59.0	25.7	25.0	18.5	16.0
MN	59.0	59.0	24.1	26.0	16.9	15.0
MS	50.6	45.0	24.4	25.0	25.0	30.0
MO	49.5	50.0	25.0	24.0	25.5	26.0
MT	9.6	7.8	11.0	9.2	79.4	83.0
NE	16.4	18.0	18.5	18.0	65.1	64.0
NM	10.4	11.0	17.3	16.0	72.3	73.0
NY	77.5	81.3	7.8	12.0	14.7	6.7
ND	16.0	18.0	30.0	28.0	54.0	54.0
OH	74.3	73.0	15.6	16.0	10.1	11.0
OK	35.8	35.0	26.4	27.0	37.8	38.0
PA	81.5	82.0	12.5	10.3	6.0	7.7
SD	15.0	15.0	20.0	18.0	65.0	67.0
TN	66.3	64.0	19.3	22.0	14.4	14.0
TX	34.0	33.0	16.8	19.0	49.2	48.0
WI	66.0	66.0	15.3	14.0	18.7	20.0
WY	5.2	6.0	6.7	7.4	88.1	86.6
28 STS	34.4	34.0	20.0	20.0	45.6	46.0
22 STS	37.8	37.0	15.0	16.0	47.2	47.0
U.S.	34.9	34.0	19.3	20.0	45.8	46.0

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

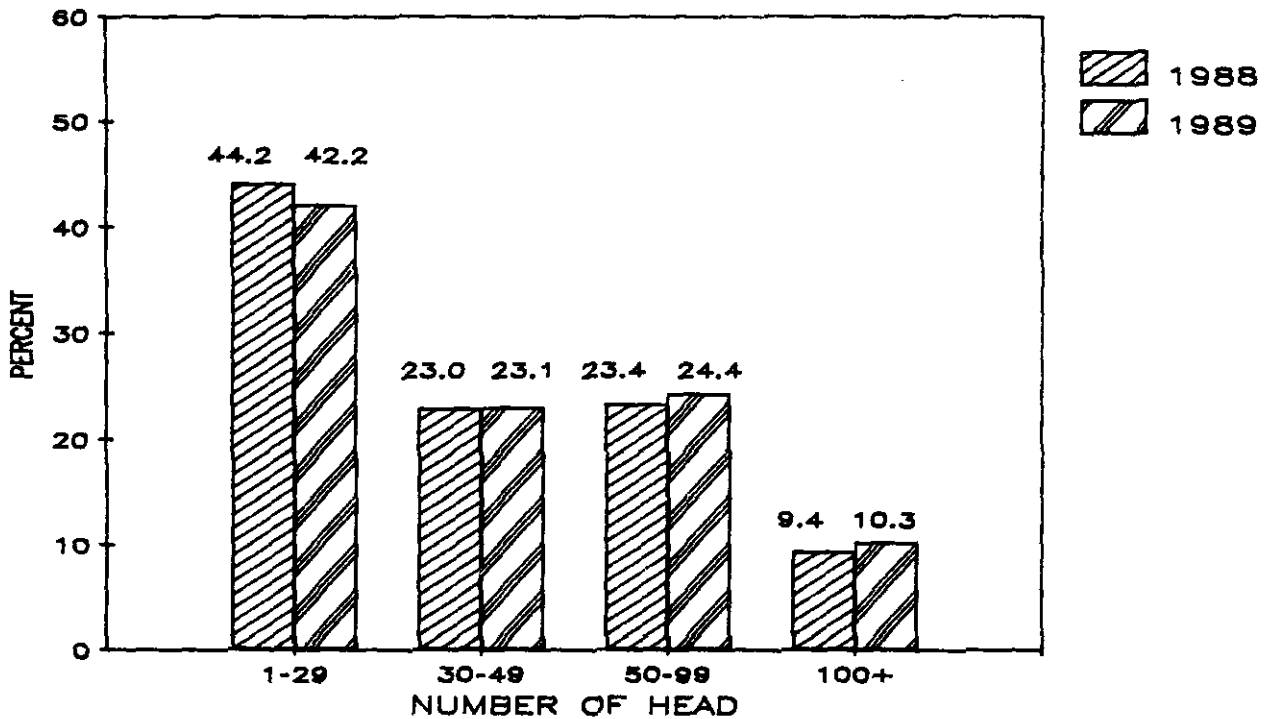
NUMBER OF OPERATIONS WITH MILK COWS 1988-89 1/, AND MILK COW
INVENTORY, JANUARY 1, 1989-90, SELECTED STATES

STATE	OPERATIONS WITH MILK COWS 2/		JANUARY 1 MILK COW INVENTORY	
	1988	1989	1989	1990
	NUMBER		1,000 HEAD	
CA	4,700	4,700	1,095	1,115
FL	1,200	1,200	182	182
ID	2,800	2,600	170	170
IL	4,600	4,100	200	195
IN	5,700	5,300	167	160
IA	8,300	7,800	310	308
KY	7,100	7,000	212	210
MD	2,000	2,000	109	106
MI	7,000	7,000	345	344
MN	17,500	16,500	770	715
MO	9,000	8,500	233	226
NY	14,200	13,500	780	790
NC	3,500	2,500	107	104
OH	9,500	9,200	353	354
PA	17,500	16,500	719	694
TN	5,600	5,000	198	195
TX	6,200	6,000	380	390
VT	3,000	2,800	170	167
VA	4,000	3,500	144	141
WA	3,000	3,000	216	221
WI	36,000	34,000	1,740	1,760
21 STS	172,400	162,700	8,600	8,547
29 STS	45,040	42,210	1,612	1,602
U.S.	217,440	204,910	10,212	10,149

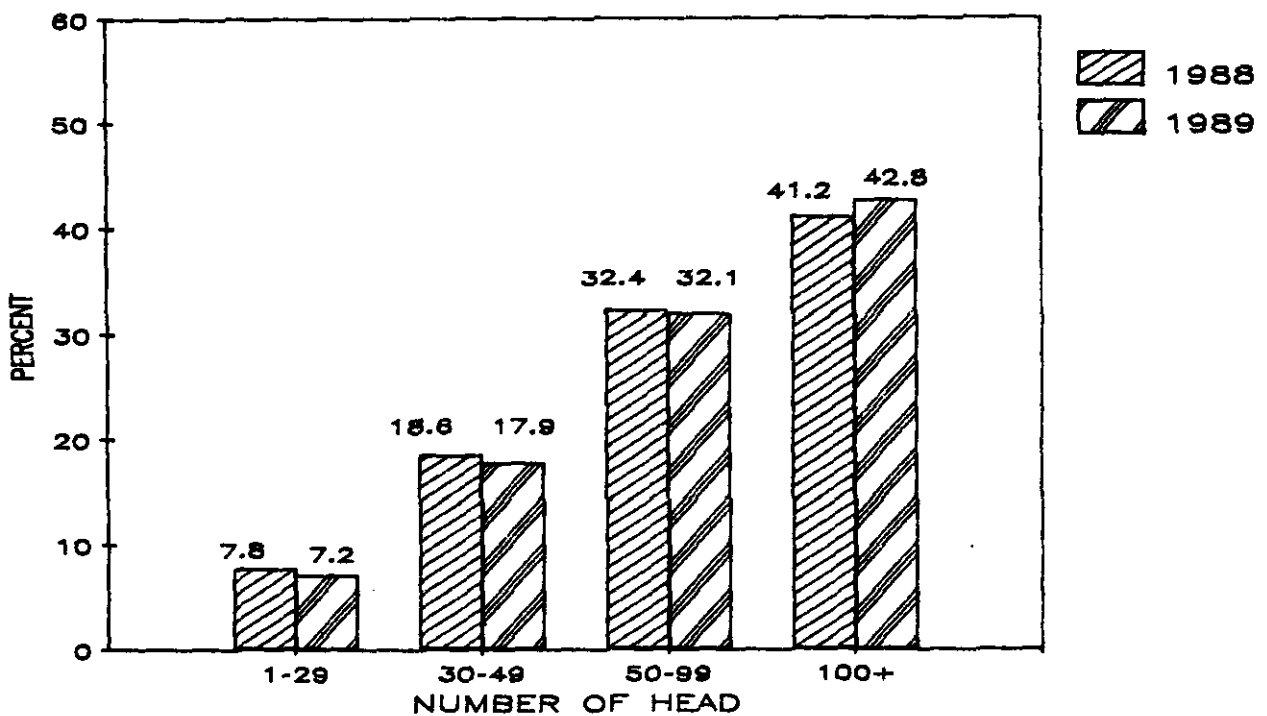
1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE MILK COWS ON HAND DURING THE YEAR, EXCLUDING COWS USED TO NURSE CALVES.

2/ INCLUDED IN OPERATIONS WITH CATTLE.

U. S. MILK COW OPERATIONS PERCENT BY SIZE GROUPS, 1988-89



U. S. MILK COW INVENTORY PERCENT BY SIZE GROUPS, 1988-89



MILK COWS: PERCENT OF OPERATIONS BY SIZE GROUPS, 1988-89
 SELECTED STATES, REGIONS, AND U S 1/

STATE	OPERATIONS HAVING							
	1-29 HEAD		30-49 HEAD		50-99 HEAD		100+ HEAD	
	1988	1989	1988	1989	1988	1989	1988	1989
PERCENT								
CA	46.8	44.7	3.0	3.0	7.7	7.6	42.5	44.7
FL	72.5	70.8	2/	2/	2/	2/	27.5	29.2
ID	52.5	50.8	12.5	12.7	18.6	18.8	16.4	17.7
IL	26.1	24.4	28.3	29.3	36.9	36.6	8.7	9.7
IN	64.0	62.3	12.3	13.6	19.3	20.7	4.4	3.4
IA	41.0	37.2	28.9	29.5	26.5	28.2	3.6	5.1
KY	53.5	53.6	22.6	22.8	19.0	18.6	4.9	5.0
MD	32.0	32.5	16.5	17.0	32.0	32.0	19.5	18.5
MI	37.1	34.3	20.0	22.8	28.6	28.6	14.3	14.3
MN	27.6	26.1	41.2	41.8	27.1	27.9	4.1	4.2
MO	62.2	59.9	15.0	15.9	18.9	20.0	3.9	4.2
NY	22.6	20.0	27.1	25.2	37.3	40.0	13.0	14.8
NC	72.9	62.2	4.3	6.0	11.7	16.0	11.1	15.8
OH	50.5	50.0	21.1	20.7	22.1	22.8	6.3	6.5
PA	32.6	31.5	32.6	32.1	28.5	29.1	6.3	7.3
TN	62.5	60.0	14.3	16.6	16.1	16.0	7.1	7.4
TX	64.7	63.7	3.7	3.8	10.6	10.8	21.0	21.7
VT	26.7	25.0	23.3	21.4	36.7	35.7	13.3	17.9
VA	62.5	58.3	7.5	8.3	17.5	19.1	12.5	14.3
WA	56.7	48.3	5.0	5.0	11.7	16.7	26.6	30.0
WI	24.2	23.5	38.6	37.9	31.4	31.8	5.8	6.8
29 STS	62.9	61.0	12.0	12.2	15.2	16.5	9.9	10.3
U.S.	44.2	42.2	23.0	23.1	23.4	24.4	9.4	10.3

- 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.

MILK COWS: PERCENT OF INVENTORY BY SIZE GROUPS, 1988-89
SELECTED STATES, REGIONS, AND U S 1/

STATE	INVENTORY ON OPERATIONS HAVING							
	1-29 HEAD		30-49 HEAD		50-99 HEAD		100+ HEAD	
	1988	1989	1988	1989	1988	1989	1988	1989
	PERCENT							
CA	0.3	0.3	0.5	0.5	2.6	2.4	96.6	96.8
FL	0.7	0.8	2/	2/	2/	2/	99.3	99.2
ID	6.5	4.1	8.2	7.6	22.4	21.2	62.9	67.1
IL	4.8	3.6	22.0	20.5	49.5	50.3	23.7	25.6
IN	15.5	17.5	16.7	18.1	43.9	46.9	23.9	17.5
IA	16.1	12.0	29.4	27.9	42.3	42.9	12.2	17.2
KY	12.7	12.4	26.4	26.7	38.7	38.1	22.2	22.8
MD	4.1	4.7	10.6	11.3	33.0	34.9	52.3	49.1
MI	7.5	7.0	14.5	16.0	36.5	35.4	41.5	41.6
MN	11.1	10.4	37.5	36.6	39.0	39.7	12.4	13.3
MO	11.1	11.1	22.1	21.2	46.0	46.0	20.8	21.7
NY	3.9	3.8	18.4	15.9	43.0	42.3	34.7	38.0
NC	2.9	2.1	5.5	5.6	29.0	26.9	62.6	65.4
OH	17.7	16.9	19.3	18.1	39.8	40.1	23.2	24.9
PA	9.5	8.8	29.3	28.2	40.2	40.2	21.0	22.8
TN	19.8	20.0	15.8	17.4	31.7	29.8	32.7	32.8
TX	2.3	1.5	2.8	2.6	14.6	12.6	80.3	83.3
VT	4.7	3.0	16.5	13.8	42.3	39.5	36.5	43.7
VA	9.4	7.1	7.3	7.1	31.2	31.2	52.1	54.6
WA	2.3	2.0	2.3	2.1	12.1	15.9	83.3	80.0
WI	9.5	9.1	31.5	30.5	42.4	42.0	16.6	18.4
29 STS	7.5	7.1	12.4	12.4	30.7	30.7	49.4	49.8
U.S.	7.8	7.2	18.6	17.9	32.4	32.1	41.2	42.8

- 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.

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