

CATTLE

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JULY 1 ALL CATTLE AND CALVES INVENTORY DOWN 1 PERCENT

All cattle and calves on hand in the United States on July 1, 1982 are estimated at 124 million head, down 1 percent from July 1 a year ago and up 1 percent from July 1, 1980, according to the Crop Reporting Board.

Cows and heifers that have calved, at 49.6 million, are down 3 percent from a year ago and off 1 percent from July 1 two years ago.

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

- Beef cows, 38.6 million, down 4 percent and 1 percent.
- Milk cows, 11.0 million, up 1 percent and 2 percent.
- All heifers 500 pounds and over, 18.6 million, up 1 percent and 4 percent.
- Beef replacement heifers, 6.12 million, down 2 percent and up 5 percent.
- Milk replacement heifers, 4.78 million, up 3 percent and 9 percent.
- Other heifers, 7.65 million, up 2 percent and 1 percent.
- Steers 500 pounds and over, 16.3 million, up 1 percent and down 1 percent.
- Bulls 500 pounds and over, 2.61 million, down 1 percent and virtually unchanged.
- Heifers, steers, and bulls under 500 pounds, 36.7 million, up fractionally and up 2 percent.

This report provides U.S. estimates of mid-year cattle and calf inventories by classes. Individual States are not available.

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CATTLE AND CALVES: NUMBER BY CLASS AND CALF CROP, UNITED STATES
JULY 1, 1981-82

CLASS	1980	1981	1982	1982 AS % OF 1981
	1000 HEAD			PERCENT
CATTLE AND CALVES	122,821	124,800	123,740	99
COWS AND HEIFERS THAT HAVE CALVED	49,941	51,004	49,590	97
BEEF COWS	39,143	40,105	38,610	96
MILK COWS	10,798	10,899	10,980	101
HEIFERS 500 POUNDS AND OVER	17,825	18,356	18,550	101
FOR BEEF COW REPLACEMENT	5,837	6,233	6,120	98
FOR MILK COW REPLACEMENT	4,377	4,628	4,780	103
OTHER HEIFERS	7,611	7,495	7,650	102
STEERS 500 POUNDS AND OVER	16,582	16,253	16,340	101
BULLS 500 POUNDS AND OVER	2,611	2,638	2,610	99
HEIFERS, STEERS, AND BULLS UNDER 500 POUNDS	35,862	36,549	36,650	100
CALF CROP 1/	44,998	44,714	43,570	97

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)

The 1982 calf crop is expected to be 43.6 million, down 3 percent from the 44.7 million born in 1981. Deaths of cattle and calves during January-June 1982 were sharply higher than both 1981 and 1980 during this period and were near the level of losses in 1979. Annual death losses of cattle and calves by States are published in "Meat Animals, Production, Disposition and Income" released in April.

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 one and one-half 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 three 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 1982 calf crop may differ some from the preliminary estimate of 43.6 million head because of changing economic and environmental conditions. The differences in the preliminary and final calf crop have exceeded 2 percent only once 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 Crop Reporting 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:

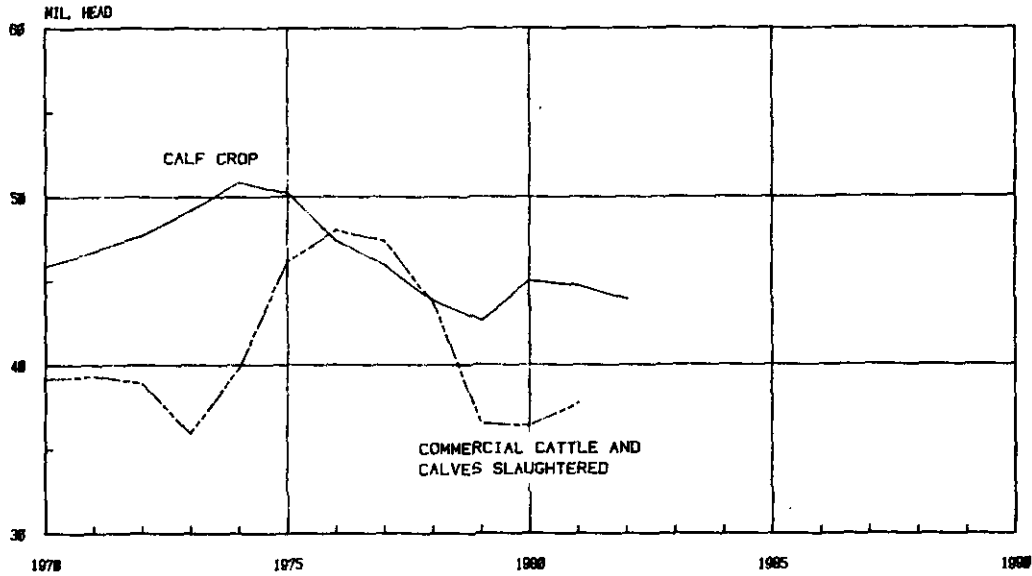


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CALF CROP, COMMERCIAL CATTLE AND CALVES SLAUGHTERED, ANNUAL, U. S.



CALF CROP, UNITED STATES

PERIOD	1980		1981		1982	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1-JUN 30	32,174	71.5	31,747	71.0	30,720	70.5
JUL 1-DEC 31 1/	12,824	28.5	12,967	29.0	12,850	29.5
TOTAL	44,998	100.0	44,714	100.0	43,570	100.0

1/ EXPECTED CALF CROP FOR 1982.

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

ITEM	1980	1981	1982 1/
	MILLION		
JAN 1 INVENTORY	111.2	114.3	115.7
CALF CROP AND IMPORTS	32.6	32.2	31.2
TOTAL SUPPLY	143.8	146.5	146.9
SLAUGHTER DEATHS AND EXPORTS	17.8	18.5	19.0
	3.1	2.8	3.3
TOTAL DISAPPEARANCE	20.9	21.3	22.3
RESIDUAL	(.1)	(.4)	(.8)
JUL 1 INVENTORY	122.8	124.8	123.7

1/ PRELIMINARY.

**UNITED STATES DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250**

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