

CATTLE



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JULY 1 ALL CATTLE AND CALVES INVENTORY DOWN 3 PERCENT

All cattle and calves on hand in the United States on July 1, 1979 are estimated at 118 million head, 3 percent below July 1 a year ago and 9 percent below July 1, 1977, according to the Crop Reporting Board. This is the fourth consecutive year of herd reduction for July 1 estimates in the current cattle cycle.

All cows and heifers that have calved, at 47.7 million head, are down 2 percent from a year ago and 9 percent below July 1, 1977.

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

- Beef cows, 37.0 million, down 2 percent from 1978 and 10 percent from 1977.
- All heifers 500 pounds and over, 17.6 million, down 2 percent and 4 percent.
- Beef replacement heifers, 5.78 million, up 8 percent from 1978 but below July 1, 1977 by 1 percent.
- Milk replacement heifers, 4.12 million, up 4 percent and 3 percent.
- Other heifers, 7.75 million, down 12 percent and 9 percent.
- Steers weighing 500 pounds and over, 16.9 million, down 6 percent and 10 percent.
- Bulls weighing 500 pounds and over, 2.46 million, virtually unchanged from 1978, but down 9 percent from July 1, 1977.
- Heifers, steers, and bulls under 500 pounds, 33.8 million, down 3 percent and 12 percent.

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 survey inventory estimates.

The 1979 calf crop is expected to be 43.5 million head, 1 percent less than the 43.8 million born in 1978 and the lowest estimate since 1963. This will be the fifth consecutive year for a decline in the calf crop since the record high of 50.9 million in 1974. However, the rate of decline from 1978 to 1979 is lower than any of the previous four years.

(continued on page 2)

This report provides State estimates of mid-year cattle and calf inventories by classes for 34 major States which accounted for 96 percent of the Nation's total cattle and calves on July 1, 1979. Estimates for the remaining 16 States are shown as an aggregate to provide U.S. totals.

CATTLE AND CALVES: NUMBER BY CLASS AND CALF CROP, UNITED STATES
JULY 1, 1977-79

CLASS	1977	1978	1979	1979 AS % OF 1978
	1000 HEAD			PERCENT
CATTLE AND CALVES	130195	121695	118487	97
COWS AND HEIFERS THAT HAVE CALVED	52171	48477	47733	98
BEEF COWS	41194	37654	36997	98
MILK COWS	10977	10823	10736	99
HEIFERS 500 POUNDS AND OVER	18356	18086	17646	98
FOR BEEF COW REPLACEMENT	5839	5369	5778	108
FOR MILK COW REPLACEMENT	4005	3957	4117	104
OTHER HEIFERS	8512	8760	7751	88
STEERS 500 POUNDS AND OVER	18652	17869	16860	94
BULLS 500 POUNDS AND OVER	2685	2458	2455	100
HEIFERS, STEERS, AND BULLS UNDER 500 POUNDS	38331	34805	33793	97
CALF CROP 1/	46088	43839	43458	99

1/ FOR 1979, 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 calves born during the first 6 months of 1979 are estimated at 29.9 million, 96 percent of a year ago. (See table - Page 8).

Deaths of cattle and calves during January-June 1979 were 3 percent less than a year ago, but varied considerably by regions. Total death losses of cattle and calves by States are published annually 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 probability surveys. Nationally, these surveys included information from about 48,000 farmers and ranchers sampled from livestock lists plus farm and ranch operations in 16,000 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 less than one 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 two percent of the complete coverage value if the same procedures were used to survey all producers.

The sampling variability of sampling estimates on all cows and calf crop is slightly larger than that for inventories. More important, the final calf crop may differ some from the preliminary calf crop of 43.5 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.

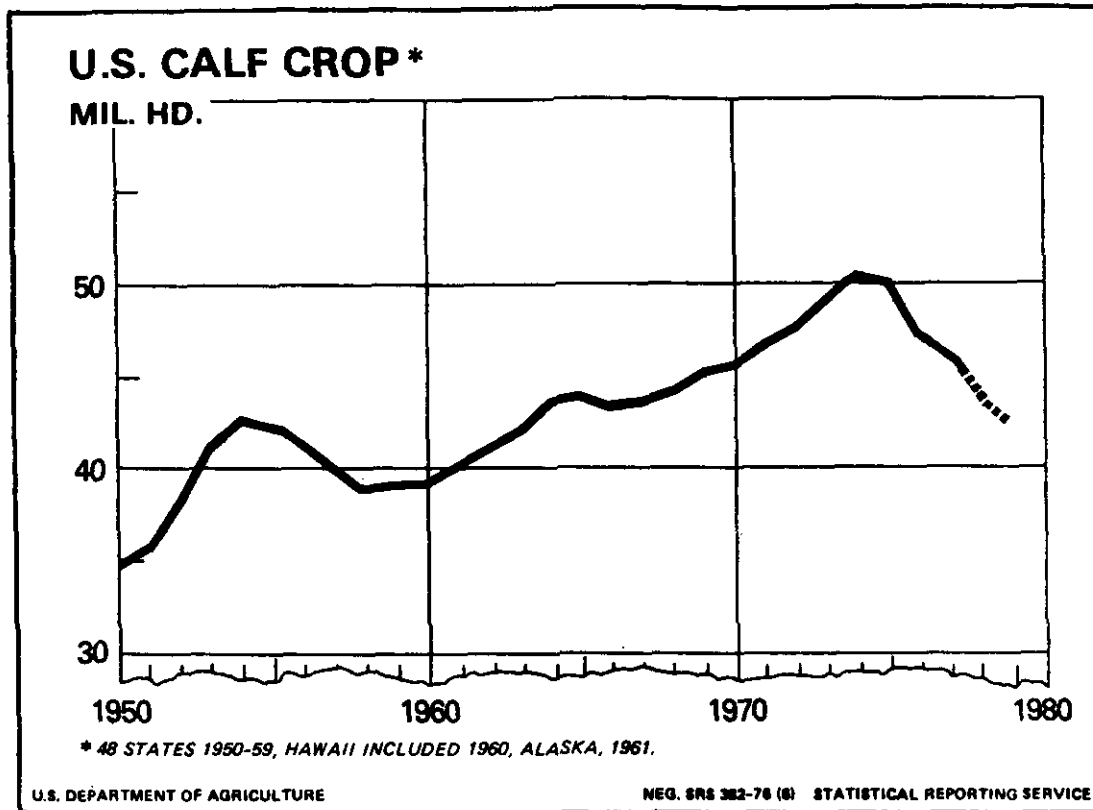
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UNITED STATES BALANCE SHEET ^{1/}
CATTLE AND CALVES
JANUARY 1-JUNE 30

ITEM	1977	1978	1979
	MILLION		
JAN 1 INVENTORY	122.8	116.4	110.9
CALF CROP AND IMPORTS	<u>34.1</u>	<u>31.7</u>	<u>30.2</u>
TOTAL SUPPLY	156.9	148.1	141.1
SLAUGHTER	23.8	22.6	18.6
DEATHS AND EXPORTS	<u>3.2</u>	<u>3.5</u>	<u>3.4</u>
TOTAL DISAPPEARANCE	27.0	26.1	22.0
RESIDUAL	.3	.3	.6
JUL 1 INVENTORY	130.2	121.7	118.5

^{1/} 1978 AND 1979 PRELIMINARY.

CATTLE AND CALVES: TOTAL AND NUMBER BY CLASS
JULY 1, 1977-79

STATE	ALL CATTLE AND CALVES				ALL COWS THAT HAVE CALVED			
	1977	1978	1979	1979 AS % OF 78	1977	1978	1979	1979 AS % OF 78
	1000 HEAD		PERCENT		1000 HEAD		PERCENT	
ALA	2560	2000	1850	93	1236	1010	929	92
ARIZ	1095	1200	1100	92	365	387	345	89
ARK	2640	2200	2200	100	1285	1110	1130	102
CALIF	4300	4500	4580	102	1711	1690	1755	104
COLO	3375	3340	3220	96	940	840	855	102
FLA	2850	2550	2500	98	1496	1357	1380	102
GA	2075	1850	1800	97	990	898	927	103
IDAHO	2000	2105	1950	93	750	735	735	100
ILL	3115	2950	2800	95	1042	994	986	99
IND	2100	1800	1800	100	820	711	670	94
IOWA	7800	7650	7150	93	2200	2088	2020	97
KANS	6462	6500	6300	97	1850	1788	1840	103
KY	3500	2950	2700	92	1561	1350	1260	93
LA	1600	1600	1400	88	854	880	790	90
MICH	1500	1350	1300	96	606	570	540	95
MINN	4100	3700	3800	103	1505	1380	1400	101
MISS	2680	2280	1980	87	1345	1179	1010	86
MO	6900	6200	5850	94	2920	2640	2550	97
MONT	3900	3630	3750	103	1606	1535	1580	103
NEBR	7000	6800	6750	99	2190	2080	2040	98
N MEX	1860	1800	1800	100	651	630	670	106
N Y	1795	1744	1770	101	1000	981	970	99
N DAK	2790	2545	2460	97	1235	1127	1109	98
OHIO	2230	1930	1890	98	880	780	780	100
OKLA	6800	6200	6000	97	2660	2300	2300	100
OREG	1790	1750	1800	103	750	720	733	102
PA	1900	1810	1850	102	885	869	870	100
S DAK	4400	4450	4800	108	1672	1669	1793	107
TENN	3240	2670	2550	96	1525	1330	1250	94
TEX	16600	15000	14000	93	6850	6200	5800	94
VA	1850	1820	1900	104	775	815	847	104
WASH	1550	1600	1500	94	587	557	562	101
WIS	4400	4200	4250	101	2055	2030	2027	100
WYO	2000	1790	1810	101	730	655	640	98
34 STATES	124757	116464	113160	97	49527	45885	45093	98
16 OTHER STATES 1/	5438	5231	5327	102	2644	2592	2640	102
U.S.	130195	121695	118487	97	52171	48477	47733	98

1/ STATE ESTIMATES NOT AVAILABLE IN JULY.

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1977-79

STATE	BEEF COWS THAT HAVE CALVED				MILK COWS THAT HAVE CALVED			
	1977	1978	1979	1979 AS % OF 78	1977	1978	1979	1979 AS % OF 78
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ALA	1150	926	846	91	86	84	83	99
ARIZ	293	318	275	86	72	69	70	101
ARK	1195	1021	1041	102	90	89	89	100
CALIF	883	851	884	104	828	839	871	104
COLO	869	767	783	102	71	73	72	99
FLA	1298	1164	1190	102	198	193	190	98
GA	861	769	800	104	129	129	127	98
IDAHO	608	594	593	100	142	141	142	101
ILL	809	764	754	99	233	230	232	101
IND	613	504	472	94	207	207	198	96
IOWA	1815	1711	1648	96	385	377	372	99
KANS	1710	1651	1709	104	140	137	131	96
KY	1283	1081	1003	93	278	269	257	96
LA	722	752	669	89	132	128	121	95
MICH	203	166	146	88	403	404	394	98
MINN	635	555	570	103	870	825	830	101
MISS	1233	1072	912	85	112	107	98	92
MO	2623	2360	2279	97	297	280	271	97
MONT	1579	1508	1552	103	27	27	28	104
NEBR	2057	1955	1922	98	133	125	118	94
N MEX	620	598	635	106	31	32	35	109
N Y	88	78	70	90	912	903	900	100
N DAK	1128	1027	1014	99	107	100	95	95
OHIO	480	402	408	101	400	378	372	98
OKLA	2544	2187	2190	100	116	113	110	97
OREG	657	627	641	102	93	93	92	99
PA	182	172	187	109	703	697	683	98
S DAK	1501	1499	1625	108	171	170	168	99
TENN	1317	1121	1037	93	208	209	213	102
TEX	6536	5890	5490	93	314	310	310	100
VA	602	643	679	106	173	172	168	98
WASH	411	371	371	100	176	186	191	103
WIS	253	220	214	97	1802	1810	1813	100
WYO	718	644	629	98	12	11	11	100
34 STATES:	39476	35968	35238	98	10051	9917	9855	99
16 OTHER STATES:	1718	1686	1759	104	926	906	881	97
U.S.	41194	37654	36997	98	10977	10823	10736	99

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1977-79

STATE	HEIFERS 500 POUNDS AND OVER								
	BEEF COW REPLACEMENT			MILK COW REPLACEMENT			OTHER		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	1000 HEAD								
ALA	143	112	120	23	14	15	54	30	33
ARIZ	40	54	48	12	15	15	33	19	22
ARK	187	155	143	24	15	20	48	40	35
CALIF	172	178	293	318	384	321	159	142	165
COLO	125	115	160	30	27	35	537	668	562
FLA	191	186	182	37	41	40	51	46	28
GA	102	109	97	33	33	36	66	65	47
IDAHO	94	116	115	58	57	66	145	181	111
ILL	96	97	92	93	95	90	421	481	392
IND	76	70	76	84	84	79	193	148	137
IOWA	170	191	207	149	145	143	1303	1500	1230
KANS	194	202	205	45	52	51	806	916	776
KY	168	142	115	95	77	90	109	97	85
LA	112	91	91	34	32	22	35	31	14
MICH	33	31	26	171	175	170	61	50	57
MINN	104	89	91	348	333	342	387	318	342
MISS	182	148	129	38	30	27	40	27	18
MO	345	291	284	104	89	116	318	304	226
MONT	261	247	307	12	12	11	164	130	100
NEBR	252	252	304	28	27	31	882	986	873
N MEX	84	82	88	9	11	9	112	105	122
N Y	29	21	25	355	347	380	36	30	30
N DAK	146	135	155	22	21	22	71	76	47
OHIO	98	57	64	161	135	165	122	103	81
OKLA	295	280	300	26	25	25	325	340	330
OREG	92	107	120	35	28	34	95	113	90
PA	57	45	41	243	254	277	51	49	50
S DAK	198	200	267	44	45	38	330	316	324
TENN	196	141	147	74	64	95	83	55	46
TEX	979	795	830	83	75	80	913	930	910
VA	102	106	101	74	76	89	74	40	48
WASH	62	64	75	62	80	75	101	91	90
WIS	66	59	55	788	746	765	123	113	88
WYO	133	136	150	3	3	3	144	115	127
34 STATES:	5584	5104	5503	3715	3647	3777	8392	8655	7636
16 OTHER STATES:	255	265	275	290	310	340	120	105	115
U.S.	5839	5369	5778	4005	3957	4117	8512	8760	7751

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1977-79

STATE	STEERS 500 POUNDS AND OVER			BULLS 500 POUNDS AND OVER			STEERS, HEIFERS, AND BULLS UNDER 500 POUNDS		
	1977	1978	1979	1977	1978	1979	1977	1978	1979
	1000 HEAD								
ALA	152	92	76	72	62	59	880	680	618
ARIZ	345	391	439	25	26	23	275	308	208
ARK	116	92	75	69	62	62	911	726	735
CALIF	985	1112	978	65	67	72	890	927	996
COLO	810	765	780	48	45	43	885	880	785
FLA	140	112	72	86	76	80	849	732	718
GA	120	115	67	54	54	52	710	576	574
IDAHO	310	378	306	41	40	39	602	598	578
ILL	598	501	532	53	44	48	822	738	660
IND	323	248	248	42	40	38	562	499	552
IOWA	2090	2004	1809	94	92	91	1794	1630	1650
KANS	1793	1677	1700	84	84	88	1690	1781	1640
KY	350	280	200	84	74	68	1133	930	882
LA	54	42	21	50	46	42	461	478	420
MICH	246	203	169	27	24	23	356	297	315
MINN	636	629	676	62	52	52	1058	899	897
MISS	91	59	57	86	71	61	898	766	678
MO	759	719	572	138	124	128	2316	2033	1974
MONT	316	254	259	94	83	85	1447	1369	1408
NEBR	1555	1517	1498	112	102	100	1981	1836	1904
N MEX	344	270	297	45	40	42	615	662	572
N Y	34	30	25	25	23	25	316	312	315
N DAK	164	155	138	54	46	49	1098	985	940
OHIO	335	318	276	51	43	45	583	494	479
OKLA	1081	1150	1055	129	130	130	2284	1975	1860
OREG	202	203	202	39	40	41	577	539	580
PA	213	199	173	46	36	41	405	358	398
S DAK	581	668	692	79	80	86	1496	1472	1600
TENN	234	179	145	75	61	66	1053	840	801
TEX	2092	1980	1880	465	420	400	5218	4600	4100
VA	259	201	218	39	36	38	527	546	559
WASH	295	374	255	28	26	28	415	408	415
WIS	330	294	298	48	42	42	990	916	975
WYO	310	279	294	42	39	40	638	563	556
34 STATES:	18253	17490	16482	2551	2330	2327	36735	33353	32342
16 OTHER STATES:	399	379	378	134	128	128	1596	1452	1451
U.S.	18652	17869	16860	2685	2458	2455	38331	34805	33793

CALF CROP, 1977-79

STATE	1977	1978	1979 1/	1979 AS % OF 78
	1000 HEAD			PERCENT
ALA	1020	950	850	89
ARIZ	285	285	280	98
ARK	1110	1070	1030	96
CALIF	1600	1570	1630	104
COLO	865	780	815	104
FLA	1135	1060	1080	102
GA	850	760	820	108
IDAHO	720	710	710	100
ILL	910	900	891	99
IND	720	655	630	96
IOWA	2140	2030	1950	96
KANS	1640	1730	1760	102
KY	1400	1270	1200	94
LA	730	689	600	87
MICH	570	510	470	92
MINN	1390	1280	1300	102
MISS	1150	1010	915	91
MO	2600	2450	2450	100
MONT	1530	1443	1490	103
NEBR	2000	1960	1940	99
N MEX	565	560	580	104
N Y	930	910	920	101
N DAK	1130	1050	1040	99
OHIO	790	750	750	100
OKLA	2100	2000	2075	104
OREG	650	630	630	100
PA	775	770	770	100
S DAK	1670	1590	1710	108
TENN	1230	1160	1100	95
TEX	5700	5300	5000	94
VA	660	668	720	108
WASH	460	491	500	102
WIS	2010	1990	1985	100
WYO	670	605	600	99
34 STATES	43705	41586	41191	99
16 OTHER STATES	2383	2253	2267	101
U.S.	46088	43839	43458	99

1/ CALVES BORN BEFORE JULY 1 PLUS THE NUMBER EXPECTED TO BE BORN ON AND AFTER JULY 1.

CALF CROP, UNITED STATES

PERIOD	1977		1978		1979	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1-JUN 30	33,598	72.9	31,038	70.8	29,899	68.8
JUL 1-DEC 31 1/	12,490	27.1	12,801	29.2	13,559	31.2
TOTAL	46,088	100.1	43,839	100.0	43,458	100.0

1/ EXPECTED CALF CROP FOR 1979.