

# CATTLE

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## JULY 1 CATTLE AND CALVES INVENTORY DOWN 7 PERCENT

All cattle and calves on hand in the United States on July 1, 1978 are estimated at nearly 122 million head, down 7 percent from a year earlier and 9 percent below July 1, 1976, according to the Crop Reporting Board.

All cows and heifers that have calved, at 48.5 million head, are down 7 percent from a year ago and 10 percent below July 1, 1976.

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

- All heifers over 500 pounds, 18.1 million, down 2 percent from 1977 and 5 percent below 1976.
- Beef replacement heifers, 5.36 million, down 8 percent and 18 percent.
- Milk replacement heifers, 3.94 million, down 2 percent and virtually unchanged.
- Other heifers, 8.75 million, up 3 percent and 4 percent.
- Steers weighing 500 pounds and over, 17.8 million, down 4 percent and 5 percent.
- Bulls weighing 500 pounds and over, 2.46 million, down 9 percent and 11 percent.
- Heifers, steers, and bulls under 500 pounds, 34.8 million, down 9 percent and 12 percent.

The 1978 calf crop is expected to be 44.1 million head, off 4 percent from the 46.1 million in 1977 and 13 percent less than the record high of 50.9 million in 1974. The estimate of calves born and to be born includes all calves born alive.

Deaths of cattle and calves during January-June 1978 were 10 percent above a year earlier because of the effects of severe winter weather. Total death losses of cattle and calves by States are published annually in "Meat Animals, Production, Disposition and Income" released each April.

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, 1978. 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, 1976-78

CLASS	1976	1977	1978	1978 AS % OF 1977
	1000 HEAD			PERCENT
CATTLE AND CALVES	133659	130195	121575	93
COWS AND HEIFERS THAT HAVE CALVED	53940	52171	48482	93
BEEF COWS	42882	41175	37635	91
MILK COWS	11058	10996	10847	99
HEIFERS 500 POUNDS AND OVER	18919	18356	18052	98
FOR BEEF COW REPLACEMENT	6527	5839	5362	92
FOR MILK COW REPLACEMENT	3942	4005	3938	98
OTHER HEIFERS	8450	8512	8752	103
STEERS 500 POUNDS AND OVER	18671	18652	17818	96
BULLS 500 POUNDS AND OVER	2759	2685	2456	91
HEIFERS, STEERS, AND BULLS UNDER 500 POUNDS	39370	38331	34767	91
CALF CROP 1/	47440	46057	44138	96

1/ FOR 1978, THE CALF CROP IS THE NUMBER OF CALVES BORN BEFORE JULY 1 PLUS THE NUMBER EXPECTED TO BE BORN AFTER JULY 1.

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 44.1 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, which provides an additional check on survey inventory estimates.

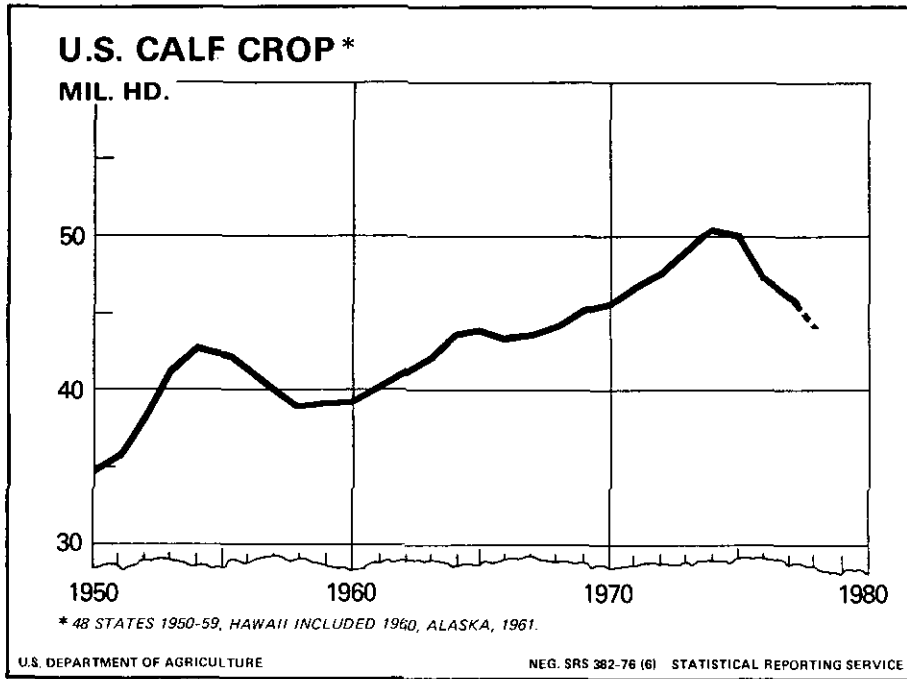
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UNITED STATES, CALF CROP 1/  
1950-78

YEAR	CALF CROP (000)	YEAR	CALF CROP (000)	YEAR	CALF CROP (000)
1950	34,899	1960	39,416	1970	45,871
1951	35,825	1961	40,180	1971	46,738
1952	38,273	1962	41,441	1972	47,682
1953	41,261	1963	42,268	1973	49,194
1954	42,601	1964	43,809	1974	50,873
1955	42,112	1965	43,922	1975	50,183
1956	41,376	1966	43,537	1976	47,440
1957	39,905	1967	43,803	1977	46,057
1958	38,860	1968	44,315	1978	2/44,138
1959	38,938	1969	45,177		

1/ 48 STATES, 1950-59, HAW INCLUDED 1960, ALAS, 1961. 2/ PRELIMINARY.

CATTLE AND CALVES: TOTAL AND NUMBER BY CLASS  
JULY 1, 1976-78

STATE	ALL CATTLE AND CALVES				ALL COWS THAT HAVE CALVED			
	1976	1977	1978	1978 AS % OF 77	1976	1977	1978	1978 AS % OF 77
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ALA	2600	2560	2000	78	1300	1236	1010	82
ARIZ	1200	1095	1200	110	420	365	387	106
ARK	2750	2640	2200	83	1325	1285	1110	86
CALIF	4730	4300	4340	101	1769	1711	1655	97
COLO	3440	3375	3340	99	980	940	840	89
FLA	2910	2850	2550	89	1510	1496	1357	91
GA	2295	2075	1850	89	1080	990	898	91
IDAHO	2100	2000	2105	105	800	750	735	98
ILL	3200	3115	2950	95	1037	1042	994	95
IND	2240	2100	1800	86	855	820	711	87
IOWA	7700	7800	7650	98	2272	2200	2088	95
KANS	6400	6462	6500	101	1900	1850	1788	97
KY	3600	3500	2950	84	1609	1561	1350	86
LA	2000	1600	1600	100	1070	854	880	103
MICH	1580	1500	1350	90	645	606	570	94
MINN	4300	4100	3700	90	1570	1505	1380	92
MISS	2900	2680	2330	87	1460	1345	1205	90
MO	6750	6900	6200	90	2860	2920	2640	90
MONT	4180	3900	3630	93	1700	1606	1535	96
NEBR	7100	7000	6800	97	2150	2190	2080	95
N MEX	1800	1860	1800	97	675	651	630	97
N Y	1900	1795	1744	97	1020	1000	985	99
N DAK	2990	2790	2545	91	1286	1235	1127	91
OHIO	2300	2230	1950	87	900	880	800	91
OKLA	6450	6800	6200	91	2600	2660	2300	86
OREG	1900	1790	1750	98	800	750	720	96
PA	1950	1900	1810	95	904	885	869	98
S DAK	4950	4400	4450	101	1900	1672	1669	100
TENN	3240	3240	2670	82	1513	1525	1330	87
TEX	16300	16600	15000	90	7000	6850	6200	91
VA	1850	1850	1820	98	797	775	815	105
WASH	1650	1550	1600	103	610	587	557	95
WIS	4600	4400	4200	95	2157	2055	2030	99
WYO	2060	2000	1760	88	770	730	645	88
34 STATES	127915	124757	116344	93	51244	49527	45890	93
16 OTHER STATES 1/	5744	5438	5231	96	2696	2644	2592	98
U.S.	133659	130195	121575	93	53940	52171	48482	93

1/ STATE ESTIMATES NOT AVAILABLE IN JULY.

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1976-78

STATE	BEEF COWS THAT HAVE CALVED				MILK COWS THAT HAVE CALVED			
	1976		1977		1978		1978 AS % OF 77	
	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT	1000 HEAD	PERCENT
ALA	1212	1150	926	81	88	86	84	98
ARIZ	350	293	318	109	70	72	69	96
ARK	1238	1195	1021	85	87	90	89	99
CALIF	954	876	816	93	815	835	839	100
COLO	908	869	769	88	72	71	71	100
FLA	1309	1296	1161	90	201	200	196	98
GA	952	861	769	89	128	129	129	100
IDAHO	659	608	594	98	141	142	141	99
ILL	794	809	767	95	243	233	227	97
IND	647	613	504	82	208	207	207	100
IOWA	1881	1815	1711	94	391	385	377	98
KANS	1760	1710	1651	97	140	140	137	98
KY	1328	1283	1079	84	281	278	271	97
LA	933	722	752	104	137	132	128	97
MICH	241	203	166	82	404	403	404	100
MINN	700	635	555	87	870	870	825	95
MISS	1344	1233	1098	89	116	112	107	96
MO	2550	2623	2360	90	310	297	280	94
MONT	1674	1579	1508	96	26	27	27	100
NEBR	2006	2051	1955	95	144	139	125	90
N MEX	644	620	598	96	31	31	32	103
N Y	111	88	75	85	909	912	910	100
N DAK	1175	1128	1027	91	111	107	100	93
OHIO	503	480	405	84	397	400	395	99
OKLA	2483	2544	2187	86	117	116	113	97
OREG	708	657	627	95	92	93	93	100
PA	203	182	172	95	701	703	697	99
S DAK	1727	1510	1499	99	173	162	170	105
TENN	1304	1313	1121	85	209	212	209	99
TEX	6678	6536	5890	90	322	314	310	99
VA	622	602	643	107	175	173	172	99
WASH	428	411	371	90	182	176	186	106
WIS	347	253	220	87	1810	1802	1810	100
WYO	759	718	634	88	11	12	11	92
34 STATES:	41132	39466	35949	91	10112	10061	9941	99
16 OTHER STATES:	1750	1709	1686	99	946	935	906	97
U.S.	42882	41175	37635	91	11058	10996	10847	99

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1976-78

STATE	HEIFERS 500 POUNDS AND OVER								
	BEEF COW REPLACEMENT			MILK COW REPLACEMENT			OTHER		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1000 HEAD								
ALA	164	143	112	22	23	14	45	54	30
ARIZ	46	40	54	18	12	15	36	33	19
ARK	229	187	155	22	24	15	52	48	40
CALIF	175	172	170	317	318	367	213	159	136
COLO	155	125	115	30	30	27	535	537	668
FLA	204	191	186	35	37	41	73	51	46
GA	135	102	109	41	33	33	66	66	65
IDAHO	101	94	116	63	58	57	151	145	181
ILL	109	96	97	83	93	95	429	421	481
IND	93	76	70	84	84	84	208	193	148
IOWA	192	170	191	154	149	145	1132	1303	1500
KANS	250	194	202	45	45	52	640	806	916
KY	195	168	142	104	95	77	122	109	97
LA	150	112	91	30	34	32	30	35	31
MICH	50	33	31	158	171	175	63	61	50
MINN	138	104	89	387	348	333	378	387	318
MISS	246	182	151	24	38	30	32	40	28
MO	378	345	291	108	104	89	297	318	304
MONT	284	261	247	13	12	12	192	164	130
NEBR	241	252	252	36	28	27	1022	882	986
N MEX	90	84	82	8	9	11	109	112	105
N Y	36	29	21	380	355	345	38	36	30
N DAK	155	146	135	24	22	21	129	71	76
OHIO	101	98	57	145	161	135	113	122	103
OKLA	315	295	280	30	26	25	320	325	340
OREG	105	92	107	30	35	28	108	95	113
PA	58	57	45	241	243	254	52	51	49
S DAK	208	198	200	45	44	45	327	330	316
TENN	218	196	141	74	74	64	82	83	55
TEX	950	979	795	80	83	75	900	913	930
VA	102	102	106	57	74	76	52	74	40
WASH	81	62	64	53	62	80	89	101	91
WIS	97	66	59	713	788	746	147	123	113
WYO	151	133	134	3	3	3	115	144	112
34 STATES:	6202	5584	5097	3662	3715	3628	8297	8392	8647
16 OTHER STATES:	325	255	265	280	290	310	153	120	105
U.S.	6527	5839	5362	3942	4005	3938	8450	8512	8752

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1976-78

STATE	STEERS 500 POUNDS AND OVER			BULLS 500 POUNDS AND OVER			STEERS, HEIFERS, AND BULLS UNDER 500 POUNDS		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
	1000 HEAD								
ALA	144	152	92	62	72	62	863	880	680
ARIZ	378	345	391	28	25	26	274	275	308
ARK	102	116	92	72	69	62	948	911	726
CALIF	1173	985	1063	76	65	64	1007	890	885
COLO	735	810	765	55	48	45	950	885	880
FLA	166	140	112	87	86	76	835	849	732
GA	142	120	115	62	54	54	769	710	576
IDAHO	330	310	378	38	41	40	617	602	598
ILL	726	588	501	48	53	44	768	822	738
IND	340	323	248	42	42	40	618	562	499
IOWA	1948	2090	2004	92	94	92	1910	1794	1630
KANS	1696	1793	1677	90	84	84	1779	1690	1781
KY	335	350	280	94	84	74	1141	1133	930
LA	60	54	42	62	50	46	598	461	478
MICH	248	246	203	32	27	24	384	356	297
MINN	774	636	629	60	62	52	993	1058	899
MISS	87	91	61	87	86	72	959	898	783
MO	716	759	719	129	138	124	2262	2316	2033
MONT	385	316	254	92	94	83	1514	1447	1369
NEBR	1549	1555	1517	114	112	102	1988	1981	1836
N MEX	288	344	270	45	45	40	585	615	662
N Y	48	34	30	28	25	23	350	316	310
N DAK	239	164	155	51	54	46	1106	1098	985
OHIO	406	335	318	51	51	43	584	583	494
OKLA	928	1081	1150	122	129	130	2135	2284	1975
OREG	220	202	203	46	39	40	591	577	539
PA	240	213	199	45	46	36	410	405	358
S DAK	589	581	668	99	79	80	1782	1496	1472
TENN	208	234	179	73	75	61	1072	1053	840
TEX	1760	2092	1980	460	465	420	5150	5218	4600
VA	226	259	201	40	39	36	576	527	546
WASH	350	295	374	28	28	26	439	415	408
WIS	382	330	294	51	48	42	1053	990	916
WYO	301	310	275	51	42	39	669	638	552
34 STATES:	18219	18253	17439	2612	2551	2328	37679	36735	33315
16 OTHER STATES:	452	399	379	147	134	128	1691	1596	1452
U.S.	18671	18652	17818	2759	2685	2456	39370	38331	34767

CALF CROP, 1976-78

STATE	1976	1977	1978 1/	1978 AS % OF 77
	1000 HEAD			PERCENT
ALA	1050	1020	920	90
ARIZ	315	285	313	110
ARK	1140	1110	1010	91
CALIF	1610	1600	1500	94
COLO	880	865	780	90
FLA	1170	1135	1090	96
GA	910	850	800	94
IDAHO	730	720	710	99
ILL	950	910	900	99
IND	740	720	655	91
IOWA	2180	2140	1990	93
KANS	1670	1640	1750	107
KY	1450	1400	1250	89
LA	810	730	740	101
MICH	595	570	550	96
MINN	1450	1390	1300	94
MISS	1230	1150	1080	94
MO	2700	2600	2450	94
MONT	1570	1500	1450	97
NEBR	2020	2000	1940	97
N MEX	590	565	560	99
N Y	945	930	930	100
N DAK	1190	1130	1050	93
OHIO	780	790	755	96
OKLA	2150	2100	1975	94
OREG	650	650	620	95
PA	790	775	770	99
S DAK	1800	1670	1625	97
TENN	1238	1230	1210	98
TEX	5800	5700	5350	94
VA	635	660	710	108
WASH	500	460	450	98
WIS	2065	2010	1990	99
WYO	705	670	613	91
34 STATES:	45008	43675	41786	96
16 OTHER STATES:	2432	2382	2352	99
U.S.	47440	46057	44138	96

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