

# CATTLE



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## JULY 1 ALL CATTLE AND CALVES INVENTORY UP 4 PERCENT

All cattle and calves on hand in the United States on July 1, 1980 are estimated at 123 million head, 4 percent above July 1 a year ago and 1 percent above July 1, 1978, according to the Crop Reporting Board. This is the first herd increase for July 1 following four consecutive years of reduction and starts the upward trend of the cattle cycle.

All cows and heifers that have calved, at 50.1 million head, are up 5 percent from a year ago and 3 percent above July 1, 1978.

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

- Beef cows, 39.3 million, up 6 percent from 1979 and 4 percent from 1978.
- Milk cows, 10.8 million, up 1 percent from 1979 and up slightly from 1978.
- All heifers 500 pounds and over, 17.9 million, up 1 percent from a year ago but below July 1, 1978 by 1 percent.
- Beef replacement heifers, 5.87 million, up 2 percent and 9 percent.
- Milk replacement heifers, 4.39 million, up 7 percent and 11 percent.
- Other heifers, 7.63 million, down 2 percent and 13 percent.
- Steers weighing 500 pounds and over, 16.6 million, down 1 percent and 7 percent.
- Bulls weighing 500 pounds and over, 2.62 million, up 7 percent and 6 percent.
- Heifers, steers, and bulls under 500 pounds, 36.0 million, up 6 percent and 3 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.

(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 95 percent of the Nation's total cattle and calves on July 1, 1980. 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, 1978-80**

CLASS	1978	1979	1980	1980 AS
	1000 HEAD			% OF 1979
CATTLE AND CALVES	121695	118487	123221	104
COWS AND HEIFERS THAT HAVE CALVED	48477	47740	50148	105
BEEF COWS	37676	37006	39316	106
MILK COWS	10801	10734	10832	101
HEIFERS 500 POUNDS AND OVER	18086	17646	17885	101
FOR BEEF COW REPLACEMENT	5369	5778	5871	102
FOR MILK COW REPLACEMENT	3957	4117	4389	107
OTHER HEIFERS	8760	7751	7625	98
STEERS 500 POUNDS AND OVER	17869	16853	16605	99
BULLS 500 POUNDS AND OVER	2458	2455	2617	107
HEIFERS, STEERS, AND BULLS UNDER 500 POUNDS	34805	33793	35966	106
CALF CROP 1/	43839	42752	45525	106

1/ FOR 1978, 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 1980 calf crop is expected to be 45.5 million head, about 6 percent above the 42.8 million born in 1979. This would be the first increase in the calf crop after 5 consecutive years of decline.

The calves born during the first 6 months of 1980 are estimated at 32.6 million, 109 percent of a year ago (see table - page 8).

Deaths of cattle and calves during January-June 1980 were 2 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 49,000 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 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 relative sampling variability of sampling estimates on all cows and calf crop is slightly larger than that for total inventory. More important, the final calf crop may differ some from the preliminary calf crop of 45.5 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.

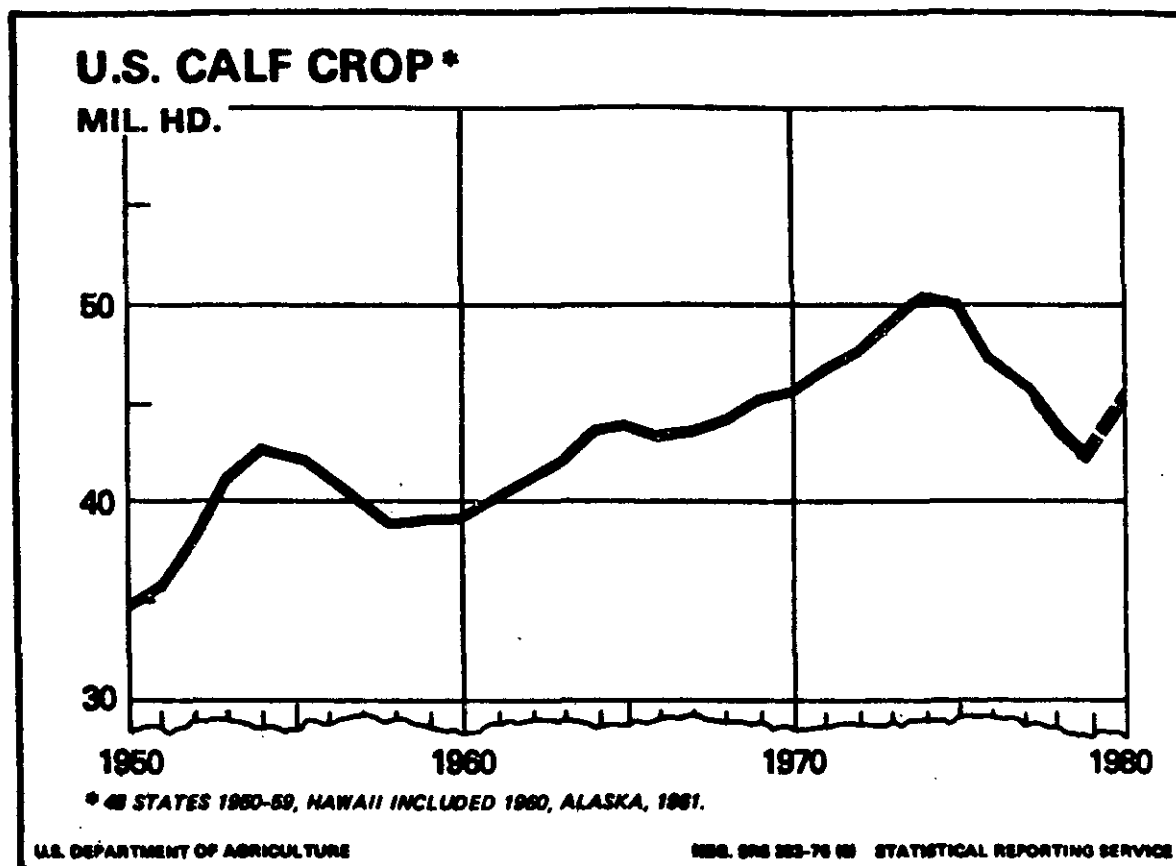
APPROVED:



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

ITEM	1978	1979	1980
	MILLION		
JAN 1 INVENTORY	116.4	110.9	111.0
CALF CROP AND IMPORTS	<u>31.7</u>	<u>30.2</u>	<u>33.0</u>
TOTAL SUPPLY	148.1	141.1	144.0
SLAUGHTER	22.6	18.7	17.8
DEATHS AND EXPORTS	<u>3.6</u>	<u>3.3</u>	<u>3.2</u>
TOTAL DISAPPEARANCE	26.2	22.0	21.0
RESIDUAL	(.2)	(.6)	.2
JUL 1 INVENTORY	121.7	118.5	123.2

1/ 1979 AND 1980 PRELIMINARY.

CATTLE AND CALVES: TOTAL AND NUMBER BY CLASS  
JULY 1, 1978-80

STATE	ALL CATTLE AND CALVES				ALL COWS THAT HAVE CALVED			
	1978	1979	1980	1980 AS % OF 79	1978	1979	1980	1980 AS % OF 79
	1000 HEAD			PERCENT	1000 HEAD			PERCENT
ALA	2000	1850	1850	100	1010	929	940	101
ARIZ	1200	1100	1100	100	387	345	375	109
ARK	2200	2200	2350	107	1110	1130	1140	101
CALIF	4500	4580	4760	104	1690	1755	1900	108
COLO	3340	3220	3350	104	840	855	1000	117
FLA	2550	2500	2550	102	1357	1380	1392	101
GA	1850	1800	1925	107	898	927	945	102
IDAHO	2105	1950	2090	107	735	735	800	109
ILL	2950	2800	2650	95	994	986	947	96
IND	1800	1800	1900	106	711	670	730	109
IOWA	7650	7150	7300	102	2088	2020	2061	102
KANS	6500	6300	6500	103	1788	1840	1950	106
KY	2950	2700	2970	110	1350	1260	1370	109
LA	1600	1400	1440	103	880	790	800	101
MICH	1350	1300	1430	110	570	540	565	105
MINN	3700	3800	3800	100	1380	1400	1445	103
MISS	2280	1980	2100	106	1179	1010	1060	105
MO	6200	5850	5850	100	2640	2550	2550	100
MONT	3630	3750	3675	98	1535	1580	1570	99
NEBR	6800	6750	7150	106	2080	2040	2235	110
N MEX	1800	1800	1930	107	630	670	675	101
N Y	1744	1770	1880	106	981	970	1008	104
N DAK	2545	2460	2420	98	1127	1109	1098	99
OHIO	1930	1890	1900	101	780	780	800	103
OKLA	6200	6000	6100	102	2300	2300	2300	100
OREG	1750	1800	2000	111	720	733	820	112
PA	1810	1850	1920	104	869	877	900	103
S DAK	4450	4800	4750	99	1669	1793	1865	104
TENN	2670	2550	2600	102	1330	1250	1220	98
TEX.	15000	14000	15000	107	6200	5800	6400	110
VA	1820	1900	2200	116	815	847	988	117
WASH	1600	1500	1595	106	557	562	635	113
WIS	4200	4250	4500	106	2030	2027	2066	102
WYO	1790	1810	1850	102	655	640	705	110
34 STATES	116464	113160	117385	104	45885	45100	47255	105
16 OTHER STATES 1/	5231	5327	5836	110	2592	2640	2893	110
U.S.	121695	118487	123221	104	48477	47740	50148	105

1/ STATE ESTIMATES NOT AVAILABLE IN JULY.

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1978-80

STATE	BEEF COWS THAT HAVE CALVED				MILK COWS THAT HAVE CALVED			
	1978	1979	1980	1980 AS % OF 79	1978	1979	1980	1980 AS % OF 79
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ALA	929	852	871	102	81	77	69	90
ARIZ	318	275	299	109	69	70	76	109
ARK	1021	1041	1051	101	89	89	89	100
CALIF	851	884	1000	113	839	871	900	103
COLO	767	783	930	119	73	72	70	97
FLA	1164	1190	1208	102	193	190	184	97
GA	769	800	817	102	129	127	128	101
IDAHO	594	593	649	109	141	142	151	106
ILL	764	754	714	95	230	232	233	100
IND	508	472	529	112	203	198	201	102
IOWA	1711	1648	1686	102	377	372	375	101
KANS	1651	1713	1827	107	137	127	123	97
KY	1081	1003	1128	112	269	257	242	94
LA	752	669	685	102	128	121	115	95
MICH	166	146	165	113	404	394	400	102
MINN	555	570	590	104	825	830	855	103
MISS	1072	912	962	105	107	98	98	100
MO	2366	2279	2280	100	274	271	270	100
MONT	1508	1553	1542	99	27	27	28	104
NEBR	1955	1922	2114	110	125	118	121	103
N MEX	598	635	636	100	32	35	39	111
N Y	78	70	100	143	903	900	908	101
N DAK	1027	1014	1005	99	100	95	93	98
OHIO	402	408	415	102	378	372	385	103
OKLA	2187	2190	2190	100	113	110	110	100
OREG	627	639	724	113	93	94	96	102
PA	172	181	193	107	697	696	707	102
S DAK	1499	1625	1700	105	170	168	165	98
TENN	1121	1038	1007	97	209	212	213	100
TEX	5890	5490	6085	111	310	310	315	102
VA	643	679	818	120	172	168	170	101
WASH	371	370	434	117	186	192	201	105
WIS	220	214	252	118	1810	1813	1814	100
WYO	644	629	694	110	11	11	11	100
34 STATES:	35981	35241	37300	106	9904	9859	9955	101
16 OTHER STATES:	1695	1765	2016	114	897	875	877	100
U.S.	37676	37006	39316	106	10801	10734	10832	101

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1978-80

STATE	HEIFERS 500 POUNDS AND OVER								
	BEEF COW REPLACEMENT			MILK COW REPLACEMENT			OTHER		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	1000 HEAD								
ALA	112	120	117	14	15	11	30	33	31
ARIZ	54	48	54	15	15	16	19	22	18
ARK	155	143	186	15	20	25	40	35	42
CALIF	178	293	205	384	321	405	142	165	175
COLO	115	160	157	27	35	27	668	562	446
FLA	186	182	173	41	40	46	46	28	28
GA	109	97	114	33	36	47	65	47	49
IDAHO	116	115	88	57	66	81	181	111	146
ILL	97	92	82	95	90	96	481	392	359
IND	70	76	87	84	79	85	148	137	152
IOWA	191	207	197	145	143	146	1500	1230	1231
KANS	202	205	221	52	51	45	916	776	696
KY	142	115	134	77	90	97	97	85	71
LA	91	91	90	32	22	29	31	14	14
MICH	31	26	36	175	170	179	50	57	44
MINN	89	91	91	333	342	346	318	342	315
MISS	148	129	172	30	27	34	27	18	17
MO	291	284	281	89	116	92	304	226	242
MONT	247	307	261	12	11	8	130	100	88
NEBR	252	304	300	27	31	34	986	873	893
N MEX	82	88	95	11	9	13	105	122	147
N Y	21	25	30	347	380	385	30	30	36
N DAK	135	155	130	21	22	22	76	47	46
OHIO	57	64	57	135	165	190	103	81	73
OKLA	280	300	310	25	25	30	340	330	350
OREG	107	120	130	28	34	32	113	90	90
PA	45	41	42	254	277	289	49	50	44
S DAK	200	267	233	45	38	33	316	324	299
TENN	141	147	165	64	95	95	55	46	45
TEX	795	830	930	75	80	90	930	910	960
VA	106	101	132	76	89	95	40	48	44
WASH	64	75	58	80	75	102	91	90	81
WIS	59	55	63	746	765	778	113	88	90
WYO	136	150	137	3	3	4	115	127	115
34 STATES:	5104	5503	5558	3647	3777	4007	8655	7636	7477
16 OTHER STATES:	265	275	313	310	340	382	105	115	148
U.S.	5369	5778	5871	3957	4117	4389	8760	7751	7625

CATTLE AND CALVES: NUMBER BY CLASS  
JULY 1, 1978-80

STATE	STEERS			BULLS			STEERS, HEIFERS, AND		
	500 POUNDS AND OVER			500 POUNDS AND OVER			BULLS UNDER 500 POUNDS		
	1978	1979	1980	1978	1979	1980	1978	1979	1980
	1000 HEAD								
ALA	92	76	72	62	59	61	680	618	618
ARIZ	391	439	340	26	23	27	308	208	270
ARK	92	75	94	62	62	64	726	735	799
CALIF	1112	978	895	67	72	78	927	996	1102
COLO	765	780	782	45	43	52	880	785	886
FLA	112	72	87	76	80	82	732	718	742
GA	115	67	101	54	52	55	576	574	614
IDAHO	378	306	320	40	39	40	598	578	615
ILL	501	532	482	44	48	48	738	660	636
IND	248	248	247	40	38	42	499	552	557
IOWA	2004	1809	1803	92	91	95	1630	1650	1767
KANS	1677	1700	1768	84	88	104	1781	1640	1716
KY	280	200	238	74	68	77	930	882	983
LA	42	21	27	46	42	43	478	420	437
MICH	203	169	217	24	23	24	297	315	365
MINN	629	676	616	52	52	57	899	897	930
MISS	59	57	42	71	61	67	766	678	708
MO	719	572	589	124	128	121	2033	1974	1975
MONT	254	259	230	83	85	85	1369	1408	1433
NEBR	1517	1498	1544	102	100	114	1836	1904	2030
N MEX	270	297	315	40	42	44	662	572	641
N Y	30	25	30	23	25	26	312	315	365
N DAK	155	138	127	46	49	48	985	940	949
OHIO	318	276	245	43	45	40	494	479	495
OKLA	1150	1055	1060	130	130	140	1975	1860	1910
OREG	203	202	218	40	41	48	539	580	662
PA	199	166	180	36	41	42	358	398	423
S DAK	668	692	594	80	86	86	1472	1600	1640
TENN	179	145	200	61	66	65	840	801	810
TEX	1980	1880	1770	420	400	440	4600	4100	4410
VA	201	218	209	36	38	51	546	559	681
WASH	374	255	214	26	28	32	408	415	473
WIS	294	298	324	42	42	45	916	975	1134
WYO	279	294	237	39	40	42	563	556	610
34 STATES:	17490	16475	16217	2330	2327	2485	33353	32342	34386
16 OTHER STATES:	379	378	388	128	128	132	1452	1451	1580
U.S.	17869	16853	16605	2458	2455	2617	34805	33793	35966

CALF CROP, 1978-80

STATE	1978	1979	1980 1/	1980 AS % OF 79
	1000 HEAD			PERCENT
ALA	950	850	860	101
ARIZ	285	265	300	113
ARK	1070	980	980	100
CALIF	1570	1530	1700	111
COLO	780	790	920	116
FLA	1060	1060	1080	102
GA	760	780	830	106
IDAHO	710	710	770	108
ILL	900	870	850	98
IND	655	640	680	106
IOWA	2030	1950	2020	104
KANS	1730	1680	1820	108
KY	1270	1180	1300	110
LA	689	620	640	103
MICH	510	470	520	111
MINN	1280	1330	1400	105
MISS	1010	870	900	103
MO	2450	2430	2420	100
MONT	1443	1490	1540	103
NEBR	1960	1900	2040	107
N MEX	560	580	600	103
N Y	910	920	950	103
N DAK	1050	1040	1060	102
OHIO	750	720	780	108
OKLA	2000	2000	2050	103
OREG	630	636	705	111
PA	770	760	830	109
S DAK	1590	1710	1790	105
TENN	1160	1030	1060	103
TEX	5300	4900	5600	114
VA	668	745	870	117
WASH	491	510	580	114
WIS	1990	1985	2030	102
WYO	605	580	640	110
34 STATES	41586	40511	43115	106
16 OTHER STATES	2253	2241	2410	108
U.S.	43839	42752	45525	106

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

CALF CROP, UNITED STATES

PERIOD	1978		1979		1980	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1-JUNE 30	31,038	70.8	29,899	69.9	32,550	71.5
JUL 1-DEC 31 1/	12,801	29.2	12,853	30.1	12,975	28.5
TOTAL	43,839	100.0	42,752	100.0	45,525	100.0

1/ EXPECTED CALF CROP FOR 1980.