

CATTLE



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JULY 1 ALL CATTLE AND CALVES INVENTORY UP 2 PERCENT

All cattle and calves on hand in the United States on July 1, 1981 are estimated at 125 million head, 2 percent above July 1 a year ago and 6 percent above July 1, 1979, according to the Crop Reporting Board.

All ~~cows~~ and heifers that have calved, at 51.1 million head, are up 2 percent from a year ago and 7 percent above July 1, 1979.

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

- Beef cows, 40.2 million, up 2 percent and 8 percent.
- Milk cows, 10.9 million, up 1 percent and 2 percent.
- All heifers 500 pounds and over, 18.4 million, up 3 percent and 4 percent.
- Beef replacement heifers, 6.24 million, up 7 percent and 8 percent.
- Milk replacement heifers, 4.64 million, up 6 percent and 13 percent.
- Other heifers, 7.51 million, down 1 percent and 3 percent.
- Steers weighing 500 pounds and over, 16.3 million, down 2 percent and 3 percent.
- Bulls weighing 500 pounds and over, 2.64 million, up 1 percent and 7 percent.
- Heifers, steers, and bulls under 500 pounds, 36.6 million, up 2 percent and 8 percent.

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, 1981. 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, 1979-81

CLASS	1979	1980	1981	1981 AS % OF 1980
	1000 HEAD		PERCENT	
CATTLE AND CALVES	118437	123071	125000	102
COWS AND HEIFERS THAT HAVE CALVED	47815	50111	51064	102
BEEF COWS	37115	39307	40172	102
MILK COWS	10700	10804	10892	101
HEIFERS 500 POUNDS AND OVER	17612	17850	18386	103
FOR BEEF COW REPLACEMENT	5770	5859	6243	107
FOR MILK COW REPLACEMENT	4115	4378	4638	106
OTHER HEIFERS	7727	7613	7505	99
STEERS 500 POUNDS AND OVER	16796	16586	16301	98
BULLS 500 POUNDS AND OVER	2456	2613	2640	101
HEIFERS, STEERS, AND BULLS UNDER 500 POUNDS	33758	35911	36609	102
• CALF CROP 1/	42603	45354	45611	101

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)

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.

The 1981 calf crop is expected to be 45.6 million head, about 1 percent above the 45.4 million born in 1980.

Deaths of cattle and calves during January-June 1981 were 10 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.

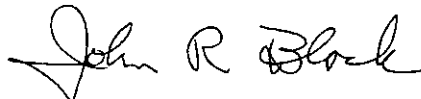
RELIABILITY AND ESTIMATING PROCEDURES

Primary data used in making cattle estimates in this report were obtained from a sample of farmers and ranchers across the U S using probability surveys. Nationally, these surveys included information from about 53,000 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 estimates on all cows and calf crop is slightly larger than that for total inventory. More important, the final 1981 calf crop may differ some from the preliminary estimate of 45.6 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.

A P P R O V E D:

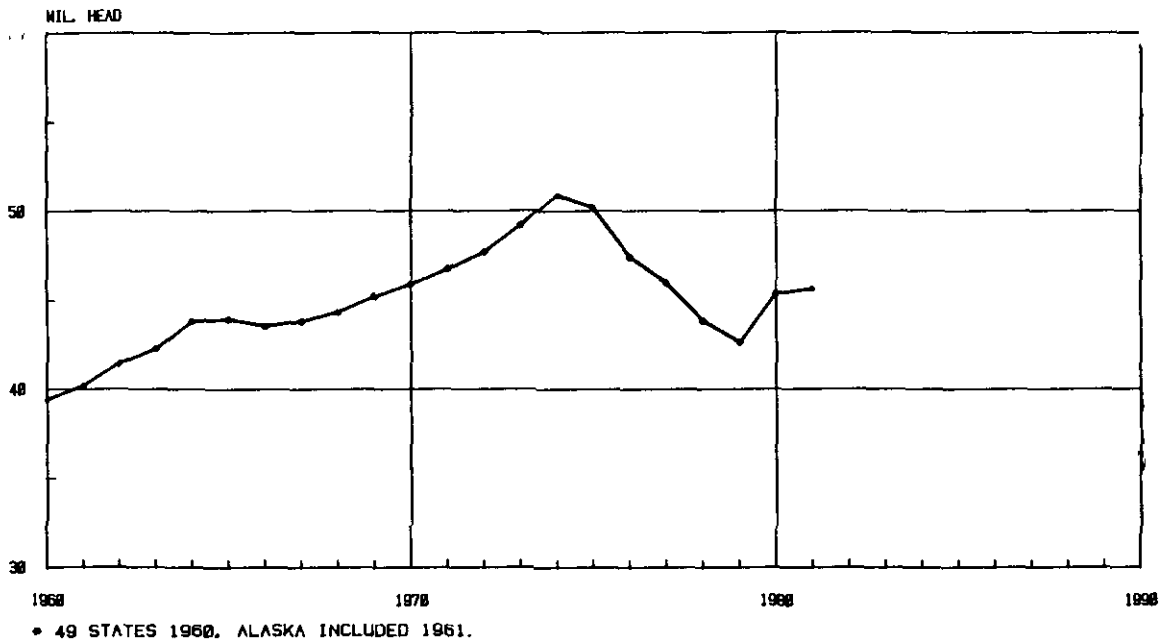


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U. S. CALF CROP*



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

ITEM	1979	1980	1981
	MILLION		
JAN 1 INVENTORY	110.9	111.2	115.0
CALF CROP AND IMPORTS	<u>30.1</u>	<u>32.9</u>	<u>32.0</u>
TOTAL SUPPLY	141.0	144.1	147.0
SLAUGHTER	18.6	17.8	18.5
DEATHS AND EXPORTS	<u>3.3</u>	<u>3.2</u>	<u>2.9</u>
TOTAL DISAPPEARANCE	21.9	21.0	21.4
RESIDUAL	(.7)	0	(.6)
JUL 1 INVENTORY	118.4	123.1	125.0

1/ 1980 AND 1981 PRELIMINARY.

CATTLE AND CALVES: TOTAL AND NUMBER BY CLASS
JULY 1, 1979-81

STATE	ALL CATTLE AND CALVES				ALL COWS THAT HAVE CALVED			
	1979	1980	1981	:1981 AS :% OF 80 :	1979	1980	1981	:1981 AS :% OF 80 :
	1000 HEAD		PERCENT		1000 HEAD		PERCENT	
ALA	1850	1870	2000	107	929	950	980	103
ARIZ	1100	1100	1000	91	345	375	368	98
ARK	2200	2350	2320	99	1123	1140	1140	100
CALIF	4580	4760	5100	107	1755	1900	2035	107
COLO	3220	3350	3400	101	855	1000	1055	106
FLA	2500	2550	2780	109	1380	1392	1493	107
GA	1800	1925	2050	106	927	945	994	105
IDAHO	1950	2090	2300	110	735	800	850	106
ILL	2800	2650	2750	104	986	947	975	103
IND	1800	1900	1700	89	670	730	680	93
IOWA	7000	7300	7450	102	2000	2061	2230	108
KANS	6400	6600	6350	96	1940	2013	2080	103
KY	2700	2850	3000	105	1260	1330	1380	104
LA	1400	1440	1450	101	790	800	775	97
MICH	1300	1430	1450	101	540	565	610	108
MINN	3800	3800	4040	106	1400	1445	1510	104
MISS	1980	2050	2080	101	1010	1035	1050	101
MO	5850	5850	5850	100	2550	2550	2550	100
MONT	3750	3675	3995	109	1580	1570	1725	110
NEBR	6750	7150	7550	106	2040	2235	2190	98
N MEX	1800	1930	1835	95	670	675	696	103
N Y	1770	1880	1950	104	970	1008	1045	104
N DAK	2460	2420	2420	100	1109	1098	1092	99
OHIO	1840	1850	1900	103	760	770	770	100
OKLA	6000	6100	5700	93	2300	2300	2290	100
OREG	1850	2000	2250	113	755	820	910	111
PA	1850	1920	2100	109	877	900	960	107
S DAK	4800	4750	4650	98	1793	1865	1830	98
TENN	2550	2600	2750	106	1250	1220	1300	107
TEX	14000	15000	14800	99	5800	6400	6400	100
VA	1900	2200	2000	91	847	988	850	86
WASH	1500	1545	1550	100	562	620	600	97
WIS	4250	4500	4650	103	2027	2066	2087	101
WYO	1810	1850	1890	102	640	705	720	102
34 STATES	113110	117235	119060	102	45175	47218	48220	102
16 OTHER STATES 1/	5327	5836	5940	102	2640	2893	2844	98
U. S.	118437	123071	125000	102	47815	50111	51064	102

1/ STATE ESTIMATES NOT AVAILABLE IN JULY.

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1979-81

STATE	BEEF COWS THAT HAVE CALVED				MILK COWS THAT HAVE CALVED			
	1979	1980	1981	:1981 AS :% OF 80 :	1979	1980	1981	:1981 AS :% OF 80 :
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ALA	856	882	915	104	73	68	65	96
ARIZ	275	299	291	97	70	76	77	101
ARK	1041	1059	1059	100	82	81	81	100
CALIF	884	1000	1123	112	871	900	912	101
COLO	783	930	982	106	72	70	73	104
FLA	1190	1205	1303	108	190	187	190	102
GA	798	815	864	106	129	130	130	100
IDAHO	592	646	685	106	143	154	165	107
ILL	755	714	742	104	231	233	233	100
IND	472	529	475	90	198	201	205	102
IOWA	1629	1686	1849	110	371	375	381	102
KANS	1816	1890	1955	103	124	123	125	102
KY	1003	1088	1138	105	257	242	242	100
LA	669	685	663	97	121	115	112	97
MICH	146	170	218	128	394	395	392	99
MINN	570	590	630	107	830	855	880	103
MISS	912	937	952	102	98	98	98	100
MO	2286	2288	2293	100	264	262	257	98
MONT	1552	1542	1696	110	28	28	29	104
NEBR	1922	2114	2066	98	118	121	124	102
N MEX	632	630	645	102	38	45	51	113
N Y	70	100	138	138	900	908	907	100
N DAK	1014	1005	999	99	95	93	93	100
OHIO	390	395	389	98	370	375	381	102
OKLA	2190	2189	2180	100	110	111	110	99
OREG	661	724	813	112	94	96	97	101
PA	181	193	254	132	696	707	706	100
S DAK	1635	1704	1674	98	158	161	156	97
TENN	1038	1007	1087	108	212	213	213	100
TEX	5490	6085	6075	100	310	315	325	103
VA	679	817	679	83	168	171	171	100
WASH	364	419	395	94	198	201	205	102
WIS	214	252	263	104	1813	1814	1824	101
WYO	628	693	708	102	12	12	12	100
34 STATES	35337	37282	38198	102	9838	9936	10022	101
16 OTHER STATES	1778	2025	1974	97	862	868	870	100
U. S.	37115	39307	40172	102	10700	10804	10892	101

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1979-81

STATE	HEIFERS 500 POUNDS AND OVER								
	BEEF COW REPLACEMENT			MILK COW REPLACEMENT			OTHER		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1000 HEAD								
ALA	120	117	150	15	11	16	33	31	32
ARIZ	48	54	44	15	16	16	22	18	16
ARK	143	186	182	20	25	32	38	42	48
CALIF	293	205	210	321	405	435	165	175	160
COLO	160	157	143	35	27	37	562	446	517
FLA	182	173	198	40	46	44	28	28	39
GA	97	114	131	36	47	53	47	49	58
IDAHO	115	88	124	66	81	92	111	146	145
ILL	92	82	107	90	96	121	392	359	352
IND	76	87	68	79	85	83	137	152	126
IOWA	195	197	201	140	146	179	1200	1231	1117
KANS	205	224	255	51	46	55	776	693	605
KY	115	125	150	90	95	114	85	71	72
LA	91	90	97	22	29	33	14	14	16
MICH	26	36	45	170	179	181	57	44	47
MINN	91	91	95	342	346	350	342	315	290
MISS	129	168	166	27	33	32	18	16	23
MO	284	281	304	116	92	94	226	242	234
MONT	307	261	300	11	8	9	100	88	100
NEBR	304	300	321	31	34	38	873	893	1091
N MEX	88	95	106	9	13	17	122	147	112
N Y	25	30	32	380	385	400	30	36	42
N DAK	155	130	129	22	22	19	47	46	69
OHIO	64	57	53	165	184	182	81	70	77
OKLA	300	310	320	25	30	30	330	350	290
OREG	124	130	148	35	32	33	93	90	95
PA	41	42	47	277	289	306	50	44	45
S DAK	267	233	237	38	33	37	324	299	283
TENN	147	165	180	95	95	120	46	45	55
TEX	830	930	965	80	90	100	910	960	828
VA	101	132	122	89	95	84	48	44	66
WASH	75	56	65	75	99	88	90	76	107
WIS	55	63	65	765	778	830	88	90	100
WYO	150	137	154	3	4	3	127	115	94
34 STATES	5495	5546	5914	3775	3996	4263	7612	7465	7351
16 OTHER STATES	275	313	329	340	382	375	115	148	154
U.S.	5770	5859	6243	4115	4378	4638	7727	7613	7505

CATTLE AND CALVES: NUMBER BY CLASS
JULY 1, 1979-81

STATE	STEERS 500 POUNDS AND OVER			BULLS 500 POUNDS AND OVER			STEERS, HEIFERS, AND BULLS UNDER 500 POUNDS		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1000 HEAD								
ALA	76	72	86	59	61	64	618	628	672
ARIZ	439	340	281	23	27	25	208	270	250
ARK	79	94	106	62	64	65	735	799	747
CALIF	978	895	990	72	78	86	996	1102	1184
COLO	780	782	635	43	52	51	785	886	962
FLA	72	87	96	80	82	88	718	742	822
GA	67	101	100	52	55	59	574	614	655
IDAHO	306	320	400	39	40	41	578	615	648
ILL	532	482	455	48	48	47	660	636	693
IND	248	247	202	38	42	41	552	557	500
IOWA	1749	1803	1750	91	95	103	1625	1767	1870
KANS	1700	1776	1468	88	106	102	1640	1742	1785
KY	200	225	234	68	74	81	882	930	969
LA	21	27	26	42	43	45	420	437	458
MICH	169	217	189	23	24	18	315	365	360
MINN	676	616	700	52	57	55	897	930	1040
MISS	57	41	53	61	66	66	678	691	690
MO	572	589	585	128	121	123	1974	1975	1960
MONT	259	230	204	85	85	88	1408	1433	1569
NEBR	1498	1544	1766	100	114	114	1904	2030	2030
N MEX	297	315	270	42	44	46	572	641	588
N Y	25	30	38	25	26	28	315	365	365
N DAK	138	127	123	49	48	48	940	949	940
OHIO	270	239	248	45	40	40	455	490	530
OKLA	1055	1060	800	130	140	130	1860	1910	1840
OREG	207	218	270	42	48	52	594	662	742
PA	166	180	240	41	42	45	398	423	457
S DAK	692	594	497	86	86	83	1600	1640	1683
TENN	145	200	170	66	65	70	801	810	855
TEX	1880	1770	1835	400	440	429	4100	4410	4243
VA	218	209	214	38	51	44	559	681	620
WASH	255	207	251	28	30	30	415	457	409
WIS	298	324	346	42	45	47	975	1134	1175
WYO	294	237	239	40	42	42	556	610	638
34 STATES	16418	16198	15867	2328	2481	2496	32307	34331	34949
16 OTHER STATES	378	388	434	128	132	144	1451	1580	1660
U.S.	16796	16586	16301	2456	2613	2640	33758	35911	36609

CALF CROP, 1979-81

STATE	1979	1980	1981 1/	1981 AS % OF 80
	1000 HEAD			PERCENT
ALA	850	880	890	101
ARIZ	265	300	300	100
ARK	980	1080	985	91
CALIF	1530	1700	1825	107
COLO	790	950	1050	111
FLA	1060	1140	1250	110
GA	780	830	870	105
IDAHO	710	770	800	104
ILL	870	840	840	100
IND	640	660	620	94
IOWA	1950	2050	2100	102
KANS	1680	1850	1860	101
KY	1180	1240	1230	99
LA	620	640	620	97
MICH	470	475	475	100
MINN	1290	1385	1410	102
MISS	870	880	860	98
MO	2430	2420	2400	99
MONT	1490	1520	1600	105
NEBR	1860	1970	1970	100
N MEX	580	600	590	98
N Y	920	950	960	101
N DAK	1040	1060	1050	99
OHIO	683	720	700	97
OKLA	2000	2150	2100	98
OREG	636	705	775	110
PA	760	820	890	109
S DAK	1650	1790	1750	98
TENN	1030	1060	1080	102
TEX	4900	5500	5400	98
VA	745	830	735	89
WASH	510	550	530	96
WIS	1985	2030	2000	99
WYO	580	640	640	100
34 STATES	40334	42985	43155	100
16 OTHER STATES	2269	2369	2456	104
U.S.	42603	45354	45611	101

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

CALF CROP, UNITED STATES

PERIOD	1979		1980		1981	
	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL	NUMBER (000)	% OF TOTAL
JAN 1-JUN 30	29,799	69.9	32,428	71.5	31,472	69.0
JUL 1-DEC 31 1/	12,824	30.1	12,926	28.5	14,139	31.0
TOTAL	42,603	100.0	45,354	100.0	45,611	100.0

1/ EXPECTED CALF CROP FOR 1981.



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

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