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# Cattle on Feed



National  
Agricultural  
Statistics  
Service

Fact Finding  
for Agriculture  
Since 1863

United States  
Department of  
Agriculture

Agricultural  
Statistics  
Board

Washington, D.C.

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- \*July-Sept Placements
- \*July-Sept Marketings
- \*Inventories by Kind
- \*Inventories by Weight Group
- \*Oct-Dec Expected Marketings

### CATTLE ON FEED DOWN 6 PERCENT IN 13 QUARTERLY STATES

Cattle and calves on feed October 1, 1989, for slaughter market in the 13 quarterly States totaled 8.06 million head, down 6 percent from October 1, 1988, and down 10 percent from 1987, according to the Agricultural Statistics Board.

The cattle on feed inventory included 5.12 million steers and steer calves, 8 percent below last year and 13 percent below 1987. This group represented 63 percent of the total October number on feed, compared to 65 percent last year and 66 percent in 1987. Heifers and heifer calves accounted for 2.91 million, 3 percent below a year ago and 5 percent below 1987.

**PLACEMENTS** of cattle and calves on feed during the July-September 1989 quarter totaled 5.69 million, down 5 percent from 1988 and 14 percent below 1987. **OTHER DISAPPEARANCE** of 227 thousand head leaves **NET PLACEMENTS** at 5.46 million.

**MARKETINGS** of fed cattle for slaughter during July-September totaled 5.86 million, 5 percent below 1988 and 3 percent below the same period in 1987.

### EXPECTED MARKETINGS FOR OCTOBER-DECEMBER DOWN 2 PERCENT

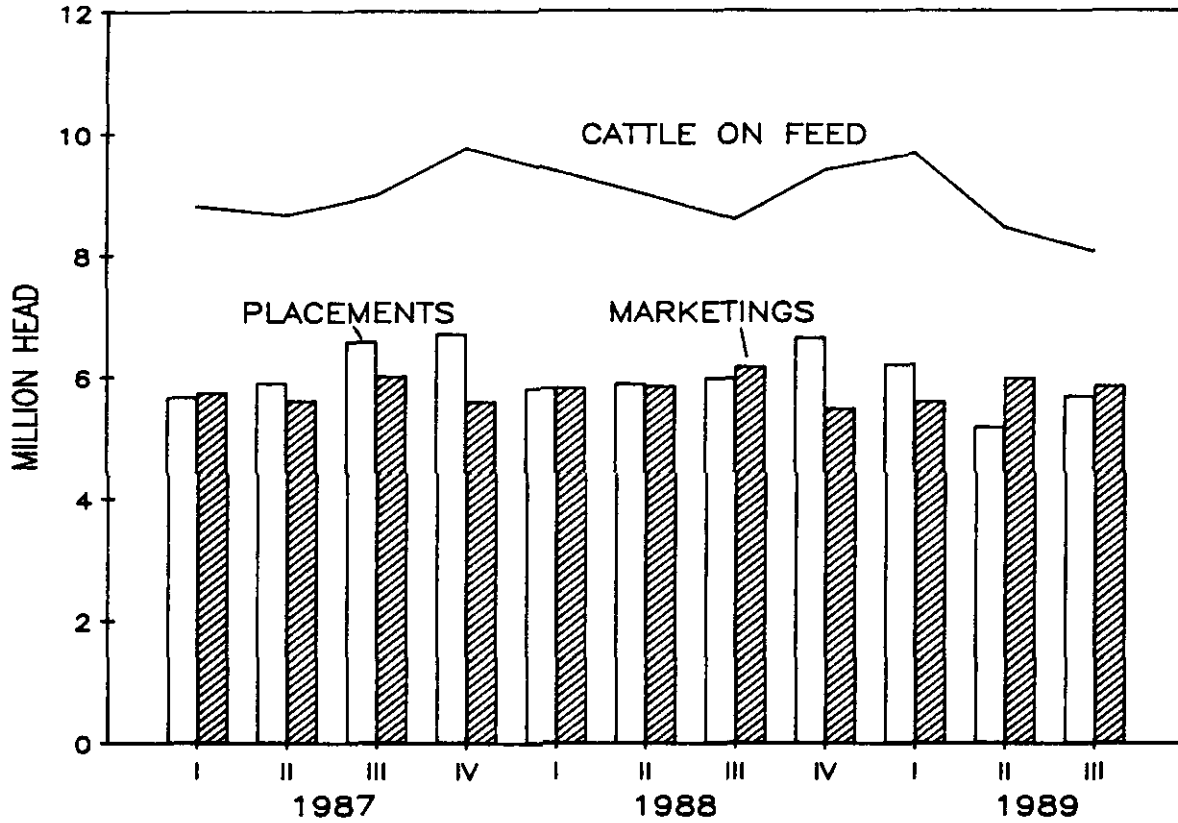
Cattle feeders expect to market 5.37 million head during the October-December quarter of 1989. This would be down 2 percent from the fourth quarter marketings in 1988 and 4 percent below 1987.

### CATTLE ON FEED IN 7 MONTHLY STATES DOWN 6 PERCENT

Cattle on feed October 1, 1989, in the 7 monthly States totaled 6.75 million, 6 percent below the previous year and 10 percent less than two years ago. Placements in feedlots during September totaled 1.93 million, 11 percent less than last year and 21 percent below 1987. Marketings during September totaled 1.56 million, down 5 percent from both September 1988 and September 1987. **OTHER DISAPPEARANCE** during September was 47 thousand head, 30 percent below last year and 34 percent below 1987.

The July-September **QUARTERLY MARKETINGS** for the 7 States, at 4.93 million, were 5 percent below 1988 and 3 percent lower than 1987. Marketings for the 7 States during the July-September quarter accounted for 84 percent of the 13 State total. Expected 7 State **MARKETINGS** for the October-December 1989 quarter are estimated at 4.53 million, down 2 percent from last year and down 5 percent from 1987.

## CATTLE ON FEED, PLACEMENTS, MARKETINGS BY QUARTERS FOR 13 STATES



**CATTLE ON FEED, PLACED AND MARKETED  
BY QUARTERS, 13 STATES**

QUARTER	PLACED	MARKETED	CATTLE ON FEED	
			DATE	NUMBER
		(000)		(000)
1987				
JAN-MAR	5,680	5,747	APR 1,	8,807
APR-JUN	5,906	5,619	JUL 1,	8,666
JUL-SEP	6,590	6,022	OCT 1,	8,992
OCT-DEC	6,718	5,603	JAN 1, 1988	9,769
1988				
JAN-MAR	5,824	5,823	APR 1,	9,385
APR-JUN	5,893	5,859	JUL 1,	9,001
JUL-SEP	5,986	6,171	OCT 1,	8,591
OCT-DEC	6,650	5,486	JAN 1, 1989	9,408
1989				
JAN-MAR	6,212	5,598	APR 1,	9,678
APR-JUN	5,177	5,985	JUL 1,	8,455
JUL-SEP	5,689	5,856	OCT 1,	8,061

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS, AND  
OTHER DISAPPEARANCE, JUL 1 - OCT 1, 1987, 1988 AND 1989  
13 STATES

ITEM	NUMBER			:1989 AS %OF	
	1987	1988	1989	1987	1988
	1000 HEAD			PERCENT	
ON FEED JUL 1-----	8666	9001	8455	98	94
PLACED ON FEED JUL 1 - SEP 30 1/--	6590	5986	5689	86	95
FED CATTLE MARKETED JUL 1 - SEP 30 1/--	6022	6171	5856	97	95
OTHER DISAPPEARANCE JUL 1 - SEP 30 2/--	242	225	227	94	101
ON FEED OCT 1-----	8992	8591	8061	90	94
KINDS ON FEED OCT 1					
STEERS AND STEER CALVES-----	5900	5551	5116	87	92
HEIFERS AND HEIFER CALVES-----	3062	3008	2912	95	97
COWS AND OTHER-----	30	32	33	110	103
NUMBER ON FEED BY WEIGHT GROUPS OCT 1					
STEERS AND STEER CALVES					
LESS THAN 500 POUNDS-----	334	313	223	67	71
500-699 POUNDS-----	779	595	567	73	95
700-899 POUNDS-----	2078	1842	1531	74	83
900-1099 POUNDS-----	1978	2027	1871	95	92
1100 POUNDS AND OVER-----	731	774	924	126	119
HEIFERS AND HEIFER CALVES					
LESS THAN 500 POUNDS-----	117	129	95	81	74
500-699 POUNDS-----	619	529	456	74	86
700-899 POUNDS-----	1358	1325	1175	87	89
900 POUNDS AND OVER-----	968	1025	1186	123	116
900-1099 POUNDS 3/ :	NA	NA	1022	NA	NA
1100 POUNDS AND OVER 3/ :	NA	NA	164	NA	NA
MARKETINGS OCT - DEC 4/---	5603	5486	5370	96	98

- 1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER.
  - 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.
  - 3/ INCLUDED IN HEIFERS 900 POUNDS AND OVER.
  - 4/ TOTAL MARKETINGS INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR PREVIOUS YRS.; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR CURRENT YEAR.
- NA = NOT AVAILABLE

CATTLE ON FEED: NUMBER ON FEED BY QUARTERS  
OCT 1, 1988 JUL 1, AND OCT 1, 1989 1/

STATE	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989 1/	
			NUMBER	AS % OF 1988
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ARIZ	214	155	193	90
CALIF	530	405	505	95
COLO	795	835	750	94
IDAHO	226	214	212	94
ILL	280	260	230	82
IOWA	500	535	500	100
KANSAS	1475	1510	1410	96
MINN	220	275	210	95
NEBR	1740	1680	1670	96
OKLA	305	290	290	95
S DAK	215	250	185	86
TEXAS	1890	1890	1720	91
WASH	201	156	186	93
13 STS	8591	8455	8061	94

1/ CATTLE AND CALVES ON FEED ARE ANIMALS FOR SLAUGHTER MARKET BEING FED A FULL RATION OF GRAIN OR OTHER CONCENTRATES AND ARE EXPECTED TO PRODUCE A CARCASS THAT WILL GRADE SELECT OR BETTER.

CATTLE ON FEED: NUMBER PLACED ON FEED, BY QUARTERS, 1988-1989 1/

STATE	JUL- SEP 1988	APR- JUN 1989	JUL - SEP 1989	
			NUMBER	AS % OF 1988
	1000 HEAD	1000 HEAD	1000 HEAD	PERCENT
ARIZ	105	61	117	111
CALIF	325	315	330	102
COLO	640	480	545	85
IDAHO	158	150	145	92
ILL	160	110	130	81
IOWA	395	300	400	101
KANSAS	1090	1015	1075	99
MINN	110	95	100	91
NEBR	1360	1170	1280	94
OKLA	195	185	200	103
S DAK	135	115	110	81
TEXAS	1160	1080	1110	96
WASH	153	101	147	96
13 STS	5986	5177	5689	95

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER.

CATTLE ON FEED: FED CATTLE MARKETED, OTHER DISAPPEARANCE,  
BY QUARTERS, 1988-89

STATE	FED CATTLE MARKETED 1/				OTHER DISAPPEARANCE 2/			
	JUL- SEP 1988	APR- JUN 1989	JUL-SEP 1989 NUMBER : OF 1988	AS % : OF 1988	JUL- SEP 1988	APR- JUN 1989	JUL-SEP 1989 NUMBER: : OF 88	AS % : OF 88
	1000 HEAD		PERCENT		1000 HEAD		PERCENT	
ARIZ	97	123	73	75	5	20	6	120
CALIF	210	240	200	95	40	60	30	75
COLO	655	520	615	94	15	40	15	100
IDAHO	134	147	143	107	3	7	4	133
ILL	205	190	150	73	5	10	10	200
IOWA	445	430	420	94	15	35	15	100
KANSAS	1155	1115	1140	99	15	60	35	233
MINN	160	145	160	100	5	5	5	100
NEBR	1310	1350	1240	95	40	90	50	125
OKLA	215	200	190	88	5	10	10	200
S DAK	170	130	165	97	10	25	10	100
TEXAS	1295	1290	1245	96	65	50	35	54
WASH	120	105	115	96	2	3	2	100
13 STS	6171	5985	5856	95	225	415	227	101

1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER

2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES, AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.

CATTLE ON FEED: EXPECTED TOTAL MARKETINGS OCT 1 - DEC 31, 1989  
WITH COMPARISONS

STATE	TOTAL MARKETINGS		EXPECTED TOTAL MARKETINGS	
	OCT-DEC, 1988	1/	OCT-DEC, 1989	2/
	NUMBER		NUMBER	AS % OF 1988
	1000 HEAD		1000 HEAD	PERCENT
ARIZ		59	60	102
CALIF		235	230	98
COLO		540	490	91
IDAHO		163	160	98
ILL		150	155	103
IOWA		440	425	97
KANSAS		995	975	98
MINN		110	110	100
NEBR		1220	1250	102
OKLA		180	180	100
S DAK		130	115	88
TEXAS		1140	1100	96
WASH		124	120	97
13 STS		5486	5370	98

1/ TOTAL MARKETINGS OF CATTLE INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31.

2/ EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31.

CATTLE ON FEED: NUMBER ON FEED BY CLASSES, BY QUARTERS  
OCT 1, 1988, JUL 1, AND OCT 1, 1989

STATE	: STEERS; STEER CALVES			: HEIFERS; HEIFER CALVES:			COWS AND OTHERS		
	: OCT 1, : : 1988	: JUL 1, : : 1989	: OCT 1, : : 1989	: OCT 1, : : 1988	: JUL 1, : : 1989	: OCT 1, : : 1989	: OCT 1, : : 1988	: JUL 1, : : 1989	: OCT 1, : : 1989
	1000 HEAD			1000 HEAD			1000 HEAD		
ARIZ	209	151	186	5	4	7	0	0	0
CALIF	454	320	395	74	81	105	2	4	5
COLO	424	420	377	370	409	371	1	6	2
IDAHO	153	136	141	68	70	70	5	8	1
ILL	160	135	125	120	125	105	0	0	0
IOWA	354	337	315	142	193	180	4	5	5
KANSAS	959	966	945	516	544	465	0	0	0
MINN	158	195	151	60	77	57	2	3	2
NEBR	980	970	1000	750	695	655	10	15	15
OKLA	210	189	180	94	101	110	1	0	0
S DAK	116	132	108	95	115	76	4	3	1
TEXAS	1247	1266	1084	641	623	634	2	1	2
WASH	127	96	109	73	60	77	1	0	0
13 STS	5551	5313	5116	3008	3097	2912	32	45	33

CATTLE ON FEED: STEERS AND STEER CALVES ON FEED BY WEIGHT GROUPS,  
BY QUARTERS, OCT 1, 1988, JUL 1, AND OCT 1, 1989

STATE	UNDER 500 POUNDS			500-699 POUNDS			700-899 POUNDS		
	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989
	1000 HEAD			1000 HEAD			1000 HEAD		
ARIZ	65	21	38	53	34	74	56	45	45
CALIF	122	50	73	77	49	72	145	87	115
COLO	10	1	4	27	32	31	184	91	115
IDAHO	0	0	0	9	4	7	60	50	38
ILL	5	1	2	15	10	12	70	41	35
IOWA	18	3	13	32	17	37	114	74	79
KANSAS	9	7	9	58	71	85	307	306	369
MINN	11	8	6	19	16	17	39	50	41
NEBR	40	10	20	60	30	30	280	210	200
OKLA	7	7	4	29	22	28	83	53	70
S DAK	1	0	0	5	2	6	31	26	30
TEXAS	25	25	54	200	89	163	436	405	358
WASH	0	0	0	11	3	5	37	27	36
13 STS	313	133	223	595	379	567	1842	1465	1531

STATE	900-1099 POUNDS			1100 POUNDS AND OVER		
	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989
	1000 HEAD			1000 HEAD		
ARIZ	29	47	27	6	4	2
CALIF	80	70	85	30	64	50
COLO	150	227	160	53	69	67
IDAHO	56	61	69	28	21	27
ILL	47	59	52	23	24	24
IOWA	140	169	108	50	74	78
KANSAS	451	451	340	134	131	142
MINN	54	84	53	35	37	34
NEBR	390	460	490	210	260	260
OKLA	65	86	58	26	21	20
S DAK	49	69	38	30	35	34
TEXAS	461	620	347	125	127	162
WASH	55	40	44	24	26	24
13 STS	2027	2443	1871	774	893	924

CATTLE ON FEED: HEIFERS AND HEIFER CALVES ON FEED BY WEIGHT GROUPS,  
BY QUARTERS OCT 1, 1988, JUL 1, AND OCT 1, 1989

STATE	UNDER 500 POUNDS			500-699 POUNDS			700-899 POUNDS		
	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989
	1000 HEAD			1000 HEAD			1000 HEAD		
ARIZ	2	1	2	1	1	2	1	2	2
CALIF	20	3	8	18	11	21	32	29	27
COLO	1	2	2	71	42	34	176	154	216
IDAHO	0	0	0	5	16	4	35	18	23
ILL	5	1	1	22	15	19	53	50	38
IOWA	9	2	5	35	27	30	56	79	61
KANSAS	10	10	9	98	87	102	258	268	205
MINN	2	2	2	7	8	9	27	29	19
NEBR	20	5	5	60	50	40	320	300	240
OKLA	7	2	4	20	24	28	42	40	43
S DAK	2	0	0	8	4	6	44	37	27
TEXAS	51	19	57	173	106	152	244	336	235
WASH	0	0	0	11	3	9	37	26	39
13 STS	129	47	95	529	394	456	1325	1368	1175

STATE	900-1099 POUNDS			1100 POUNDS AND OVER		
	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989	OCT 1, 1988	JUL 1, 1989	OCT 1, 1989
	1000 HEAD			1000 HEAD		
ARIZ	1	0	1	NA	0	0
CALIF	4	25	31	NA	13	18
COLO	122	199	103	NA	12	16
IDAHO	28	30	33	NA	6	10
ILL	40	58	43	NA	1	4
IOWA	42	81	78	NA	4	6
KANSAS	150	159	130	NA	20	19
MINN	24	35	20	NA	3	7
NEBR	350	310	300	NA	30	70
OKLA	25	31	33	NA	4	2
S DAK	41	64	34	NA	10	9
TEXAS	173	160	189	NA	2	1
WASH	25	25	27	NA	6	2
13 STS	1025	1177	1022	NA	111	164

1/ PREVIOUS YEAR 900-1099 POUNDS ESTIMATE INCLUDES HEIFERS 900 POUNDS AND OVER  
NA = NOT AVAILABLE



CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS AND  
OTHER DISAPPEARANCE, JUL 1 - OCT 1, 1987, 1988 AND 1989  
7 STATES

ITEM	NUMBER			:1989 AS % OF	
	1987	1988	1989	1987	1988
	1000 HEAD			PERCENT	
ON FEED JUL 1	7193	7431	7010	97	94
PLACED ON FEED JUL 1 - SEP 30 1/-	5618	5075	4857	86	96
FED CATTLE MARKETED JUL 1 - SEP 30 1/-	5066	5167	4933	97	95
OTHER DISAPPEARANCE JUL 1 - SEP 30 2/-	210	195	186	89	95
ON FEED OCT 1	7535	7144	6748	90	94
KINDS ON FEED OCT 1					
STEERS AND STEER CALVES	4981	4627	4302	86	93
HELPER AND HELPER CALVES	2529	2498	2417	96	97
COWS AND OTHER	25	19	29	116	153
NUMBER ON FEED BY WEIGHT GROUPS OCT 1					
STEERS AND STEER CALVES					
LESS THAN 500 POUNDS	318	289	211	66	73
500-699 POUNDS	685	507	492	72	97
700-899 POUNDS	1755	1522	1281	73	84
900-1099 POUNDS	1644	1701	1557	95	92
1100 POUNDS AND OVER	579	608	761	131	125
HELPER AND HELPER CALVES					
LESS THAN 500 POUNDS	107	113	88	82	78
500-699 POUNDS	519	456	381	73	84
700-899 POUNDS	1127	1087	986	87	91
900 POUNDS AND OVER	776	842	962	124	114
900-1099 POUNDS 3/	NA	NA	832	NA	NA
1100 POUNDS AND OVER 3/	NA	NA	130	NA	NA
MARKETINGS OCT - DEC 4/-	4745	4629	4530	95	98

- 1/ INCLUDES CATTLE PLACED ON FEED AFTER BEGINNING OF QUARTER AND MARKETED BEFORE END OF QUARTER.
- 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.
- 3/ INCLUDED IN HELPER 900 POUNDS AND OVER.
- 4/ TOTAL MARKETINGS INCLUDING THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR PREVIOUS YRS.; EXPECTED TOTAL MARKETINGS INCLUDING AN ALLOWANCE FOR THOSE PLACED ON FEED AFTER OCT 1 AND MARKETED BEFORE DEC 31 FOR CURRENT YEAR.  
NA = NOT AVAILABLE

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS AND  
OTHER DISAPPEARANCE, 7 STATES, SEP 1 TO OCT 1

ITEM	NUMBER			:1989 AS % OF	
	1987	1988	1989	1987	1988
	1000 HEAD			PERCENT	
ON FEED SEP 1 1/	6,818	6,689	6,437	94	96
PLACED ON FEED DURING SEP	2,429	2,169	1,928	79	89
FED CATTLE MARKETED DURING SEP	1,641	1,647	1,564	95	95
OTHER DISAPPEARANCE DURING SEP 2/	71	67	47	66	70
ON FEED OCT 1 1/	7,535	7,144	6,748	90	94

- 1/ CATTLE AND CALVES ON FEED ARE ANIMALS FOR SLAUGHTER MARKET BEING FED A FULL RATION OF GRAIN OR OTHER CONCENTRATES AND ARE EXPECTED TO PRODUCE A CARCASS THAT WILL GRADE SELECT OR BETTER.
- 2/ INCLUDES DEATH LOSSES, MOVEMENT FROM FEEDLOTS TO PASTURES AND SHIPMENTS TO OTHER FEEDLOTS FOR FURTHER FEEDING.

CATTLE ON FEED: NUMBER ON FEED, PLACEMENTS, MARKETINGS AND  
OTHER DISAPPEARANCE, BY STATES, APR 1 TO OCT 1

STATE:	1988:1989:89/88			1988:1989:89/88			1988:1989:89/88			1988:1989:89/88		
	NUMBER ON FEED			PLACED			MARKETED			OTHER DISAPPEAR.		
	1000	HEAD	PCT	1000	HEAD	PCT	1000	HEAD	PCT	1000	HEAD	PCT
	APR 1			DURING APR			DURING APR			DURING APR		
ARIZ :	291	237	81	41	24	59	54	45	83	9	9	100
CALIF :	375	390	104	120	110	92	65	100	154	20	25	125
COLO :	815	915	112	185	190	103	170	165	97	10	15	150
IOWA :	680	700	103	135	115	85	125	130	104	10	15	150
KANSA :	1490	1670	112	320	370	116	310	315	102	20	15	75
NEER :	2000	1950	98	360	370	103	390	390	100	50	30	60
TEXAS :	2095	2150	103	360	355	99	495	425	86	20	20	100
7 STS :	7746	8012	103	1521	1534	101	1609	1570	98	139	129	93
	MAY 1			DURING MAY			DURING MAY			DURING MAY		
ARIZ :	269	207	77	35	14	40	59	42	71	16	9	56
CALIF :	410	375	91	120	120	100	70	85	121	30	25	83
COLO :	820	925	113	275	180	65	180	175	97	15	15	100
IOWA :	680	670	99	115	100	87	135	160	119	10	10	100
KANSA :	1480	1710	116	495	375	76	350	390	111	15	35	233
NEER :	1920	1900	99	420	400	95	430	450	105	40	50	125
TEXAS :	1940	2060	106	705	430	61	500	445	89	15	20	133
7 STS :	7519	7847	104	2165	1619	75	1724	1747	101	141	164	116
	JUN 1			DURING JUN			DURING JUN			DURING JUN		
ARIZ :	229	170	74	37	23	62	52	36	69	3	2	67
CALIF :	430	385	90	105	85	81	65	55	85	15	10	67
COLO :	900	915	102	120	110	92	190	180	95	5	10	200
IOWA :	650	600	92	80	85	106	155	140	90	10	10	100
KANSA :	1610	1660	103	290	270	93	335	410	122	10	10	100
NEER :	1870	1800	96	350	400	114	480	510	106	10	10	100
TEXAS :	2130	2025	95	395	295	75	420	420	100	15	10	67
7 STS :	7819	7555	97	1377	1268	92	1697	1751	103	68	62	91
	JUL 1			DURING JUL			DURING JUL			DURING JUL		
ARIZ :	211	155	73	26	31	119	35	30	86	2	3	150
CALIF :	455	405	89	80	120	150	70	55	79	15	10	67
COLO :	825	835	101	95	110	116	210	210	100	5	5	100
IOWA :	565	535	95	85	105	124	150	140	93	5	5	100
KANSA :	1555	1510	97	315	310	98	400	410	103	5	10	200
NEER :	1730	1680	97	340	340	100	470	420	89	10	20	200
TEXAS :	2090	1890	90	305	295	97	425	425	100	20	10	50
7 STS :	7431	7010	94	1246	1311	105	1760	1690	96	62	63	102
	AUG 1			DURING AUG			DURING AUG			DURING AUG		
ARIZ :	200	153	77	35	43	123	35	24	69	1	1	100
CALIF :	450	460	102	135	90	67	75	70	93	10	10	100
COLO :	705	730	104	190	160	84	230	230	100	5	5	100
IOWA :	495	495	100	145	130	90	160	140	88	5	5	100
KANSA :	1465	1400	96	385	405	105	405	395	98	5	20	400
NEER :	1590	1580	99	370	420	114	420	390	93	20	20	100
TEXAS :	1950	1750	90	400	370	93	435	430	99	20	15	75
7 STS :	6855	6568	96	1660	1618	97	1760	1679	95	66	76	115
	SEP 1			DURING SEP			DURING SEP			DURING SEP		
ARIZ :	199	171	86	44	43	98	27	19	70	2	2	100
CALIF :	500	470	94	110	120	109	65	75	115	15	10	67
COLO :	660	655	99	355	275	77	215	175	81	5	5	100
IOWA :	475	480	101	165	165	100	135	140	104	5	5	100
KANSA :	1440	1390	97	390	360	92	350	335	96	5	5	100
NEER :	1520	1590	105	650	520	80	420	430	102	10	10	100
TEXAS :	1895	1675	88	455	445	98	435	390	90	25	10	40
7 STS :	6689	6431	96	2169	1928	89	1647	1564	95	67	47	70
	OCT 1											
ARIZ :	214	193	90									
CALIF :	530	505	95									
COLO :	795	750	94									
IOWA :	500	500	100									
KANSA :	1475	1410	96									
NEER :	1740	1670	96									
TEXAS :	1890	1720	91									
7 STS :	7144	6748	94									











