

# milk production



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## October Milk Production up 1 Percent from a Year Ago

U. S. milk production in October is estimated at 9,389 million pounds, 1 percent more than a year earlier. Daily average production was down 3 percent from September, the same seasonal decrease as in 1970. October output provided 1.45 pounds of milk per person daily for all uses, the same as last October's supply but less than the 1.50 pounds for September this year. Production for the first 10 months of 1971 was 1 percent more than a year ago.

In the five leading milk producing States, production was above a year earlier in Wisconsin, New York, Pennsylvania, and California but below in Minnesota. All East North Central States, except Illinois, showed increases from a year ago, but production was down in all except 2 West North Central States. Production was the same or above a year earlier in all but two North Atlantic States. Changes from a year ago were varied in the South Atlantic and South Central States, but up in most Western States.

Milk output per cow averaged 759 pounds in October, up 2 percent from a year earlier. Daily production per cow averaged 24.5 pounds, 3 percent less than September and the same decrease as a year ago. Production per cow was record high in 41 States. The highest rate was in Arizona--1,020 pounds--followed by: California, 1,010 pounds; Washington, 950 pounds; Connecticut, 910 pounds; and Massachusetts, 890 pounds. Milk cows on farms during October totaled 12,364,000, down 1 percent from last year.

## Milk-feed Price Ratio 9 Percent More Than a Year Ago

The October milk-feed price ratio, at 1.96, was 9 percent more than a year ago and a new record high. The U. S. average milk price increased 14 cents from October 1970 while the average ration value decreased 21 cents. The ratio showed a 7-percent gain from September compared with a 2-percent increase between the corresponding months a year earlier.

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Pastures well above average

Reported pasture condition on November 1 for the 48 States was 84 percent of normal, 2 percentage points above both last month and a year ago and 7 points above the 1960-69 average for the date.

All North Atlantic States reported above average pasture conditions of 84 percent or better on November 1. Reported pasture condition in all South Atlantic States continued excellent, ranging from 82 percent in both Georgia and Florida to 99 percent in Virginia. Virginia's condition led the 48 States on November 1 and was the highest ever recorded in the State on that date.

Pasture condition in the North Central States ranged from 75 percent in both Nebraska and Kansas to 93 percent in Indiana. All States showed some improvement from the October 1 condition. Indiana's near-record 93 percent on November 1 has been exceeded only once in nearly four decades of records.

Arkansas, at 72 percent, was the only South Central State that reported pasture condition below 80 percent. Kentucky's 94 was the highest condition reported for this group and a new November 1 high for the State.

Reported pasture condition in the Western States ranged from 73 percent in Montana to 92 percent in Idaho, Wyoming, and Nevada. Rains in Montana improved pastures and condition was up 2 points from October 1. However, this was still the lowest for the month since 1966.

Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change :from : 1970
	1969	1970	1971	1969	1970	1971	1969	1970	1971	
	Thousands			Pounds			Million pounds			Percent
January	12,819	12,570	12,437	734	752	768	9,415	9,448	9,547	+1.0
February	12,796	12,564	12,432	690	708	725	8,831	8,896	9,010	+1.3
March	12,766	12,553	12,422	785	807	822	10,025	10,126	10,209	+0.8
April	12,745	12,540	12,411	805	824	841	10,256	10,328	10,432	+1.0
May	12,720	12,523	12,405	871	887	904	11,073	11,109	11,217	+1.0
June	12,695	12,509	12,389	845	863	875	10,728	10,792	10,836	+0.4
July	12,674	12,501	12,382	801	818	833	10,149	10,226	10,311	+0.8
August	12,656	12,493	12,379	764	782	797	9,673	9,767	9,871	+1.1
September	12,628	12,479	12,368	725	743	758	9,158	9,273	9,376	+1.1
October	12,614	12,472	12,364	723	744	759	9,114	9,280	9,389	+1.2
Jan.-Oct. total							98,422	99,245	100,198	+1.0
November	12,594	12,460		690	710		8,687	8,842		
December	12,582	12,449		734	751		9,236	9,349		
Annual	12,693	12,509		9,166	9,388		116,345	117,436		

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Revised.

October milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1970
	1969	1970	1971	1969	1970	1971	1969	1970	1971	
	Thousands			Pounds			Million pounds			Percent
Maine	68	67	66	750	725	765	51	49	50	+2
New Hampshire	37	36	35	785	815	815	29	29	29	0
Vermont	205	205	205	755	795	815	155	163	167	+2
Massachusetts	64	63	62	865	845	890	55	53	55	+4
Rhode Island	7.8	7.3	6.8	825	825	840	6.4	6.0	5.7	-5
Connecticut	66	63	62	865	875	910	57	55	56	+2
New York	1,030	1,020	1,007	805	815	835	829	831	841	+1
New Jersey	74	68	65	835	835	830	62	57	54	-5
Pennsylvania	720	708	699	800	830	850	576	588	594	+1
Ohio	460	451	440	800	800	830	368	361	365	+1
Indiana	242	236	237	790	805	865	191	190	205	+8
Illinois	311	302	296	750	770	765	233	233	226	-3
Michigan	471	464	472	805	820	855	379	380	404	+6
Wisconsin	1,846	1,845	1,855	710	740	760	1,311	1,365	1,410	+3
Minnesota	991	984	971	635	655	660	629	645	641	-1
Iowa	517	490	468	700	720	730	362	353	342	-3
Missouri	364	353	341	680	680	685	248	240	234	-2
North Dakota	146	139	132	485	510	485	71	71	64	-10
South Dakota	188	178	174	585	620	640	110	110	111	+1
Nebraska	194	187	185	630	660	680	122	123	126	+2
Kansas	205	200	193	650	675	685	133	135	132	-2
Delaware	15	15	15	785	785	810	11.8	11.8	12.2	+3
Maryland	168	168	168	795	790	800	134	133	134	+1
Virginia	223	221	217	695	695	700	155	154	152	-1
West Virginia	62	58	53	560	560	580	35	32	31	-3
North Carolina	189	186	185	660	675	710	125	126	131	+4
South Carolina	68	65	65	630	660	650	43	43	42	-2
Georgia	144	147	146	665	680	650	96	100	95	-5
Florida	191	192	194	660	715	730	126	137	142	+4
Kentucky	350	342	336	575	600	610	201	205	205	0
Tennessee	309	302	300	570	590	615	176	178	185	+4
Alabama	137	134	134	505	515	500	69	69	67	-3
Mississippi	199	194	186	430	440	430	86	85	80	-6
Arkansas	98	97	97	580	595	600	57	58	58	0
Louisiana	174	170	168	505	525	540	88	89	91	+2
Oklahoma	150	146	143	675	710	700	101	104	100	-4
Texas	353	355	355	710	725	730	251	257	259	+1
Montana	44	42	40	630	670	680	28	28	27	-4
Idaho	154	158	161	730	760	765	112	120	123	+3
Wyoming	18.1	17.3	16.8	655	675	710	11.9	11.7	11.9	+2
Colorado	102	101	101	705	720	730	72	73	74	+1
New Mexico	36	35	35	720	715	715	26	25	25	0
Arizona	51	52	52	960	955	1,020	49	50	53	+6
Utah	76	81	83	855	850	840	65	69	70	+1
Nevada	13.8	14.0	14.0	825	840	835	11.4	11.8	11.7	-1
Washington	184	189	194	890	930	950	164	176	184	+5
Oregon	109	108	105	715	725	750	78	78	79	+1
California	775	802	814	970	1,005	1,010	752	806	822	+2
Alaska	1.7	1.7	1.7	840	795	740	1.43	1.35	1.26	-7
Hawaii	13.0	13.0	12.9	845	875	860	11.0	11.4	11.1	-3
United States	12,614	12,472	12,364	723	744	759	9,114	9,280	9,389	+1.2

1/ Includes dry cows. Excludes heifers not yet fresh.  
2/ Excludes milk sucked by calves.

Milk-feed price ratios, milk prices, and ration value, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.	Oct.	Sept.	Oct.
	1970	1971	1971	1970	1971	1971	1970	1971	1971
	Pounds			Dollars					
N. Atl.		1.71	1.86	6.76	6.71	6.91	3.85	3.80	3.71
E. N. Cent.	1.78	1.89	2.01	5.68	5.66	5.82	3.20	3.00	2.89
W. N. Cent.	1.80	1.95	2.08	5.23	5.20	5.32	2.90	2.67	2.56
S. Atl.	1.87	1.98	2.11	7.04	7.03	7.20	3.76	3.55	3.42
S. Cent.	1.86	1.84	2.00	6.58	6.44	6.67	3.53	3.50	3.34
West.	1.74	1.64	1.71	5.65	5.71	5.86	3.25	3.49	3.43
U. S.	1.79	1.83	1.96	6.02	5.98	6.16	3.36	3.26	3.15

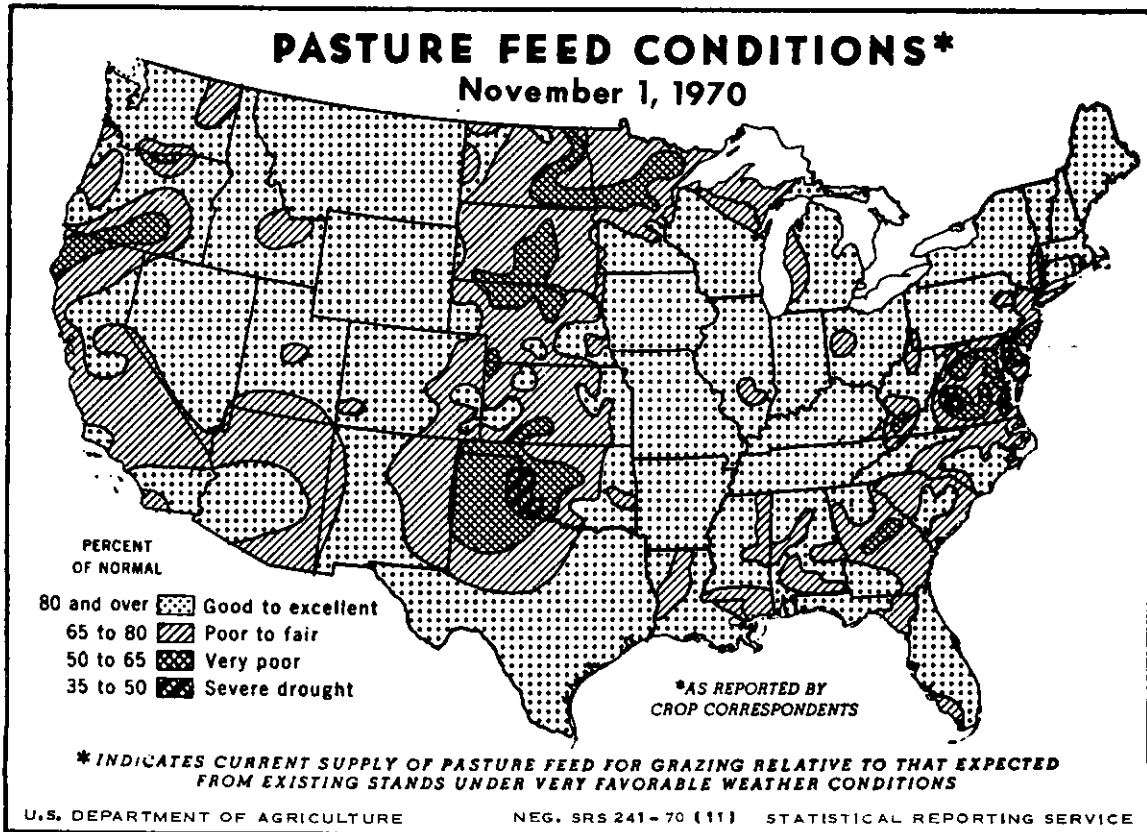
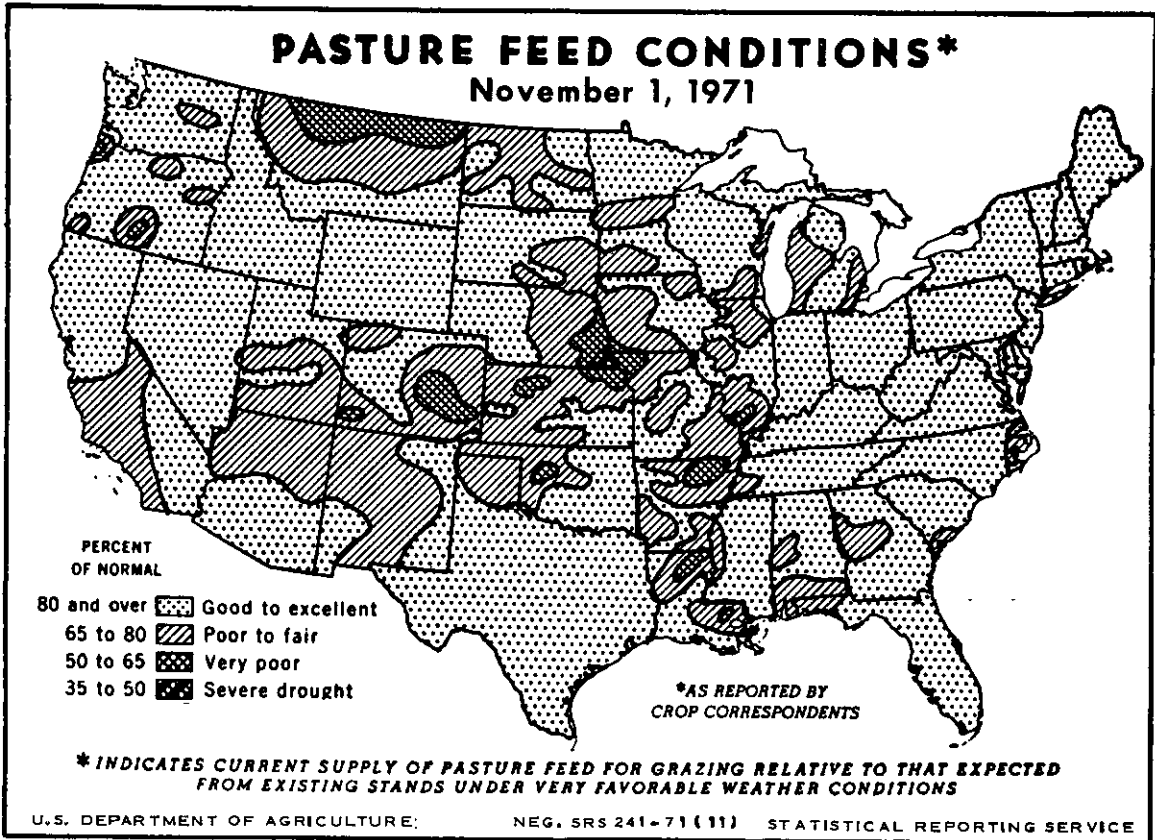
1/ Data for current month are preliminary

2/ Pounds of concentrate ration equal in value to 1 pound milk sold to plants.

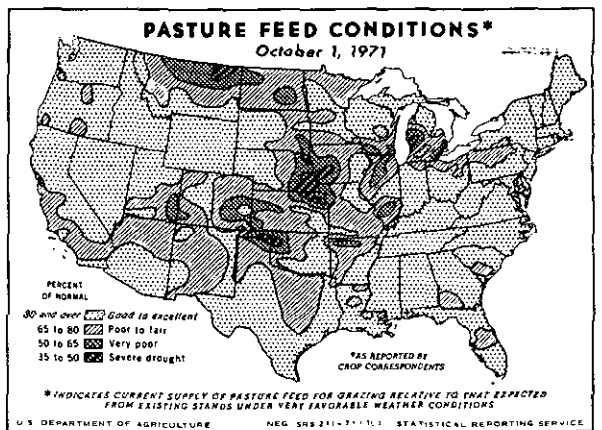
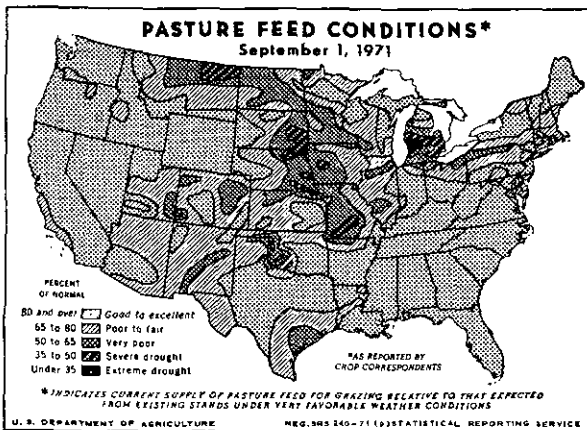
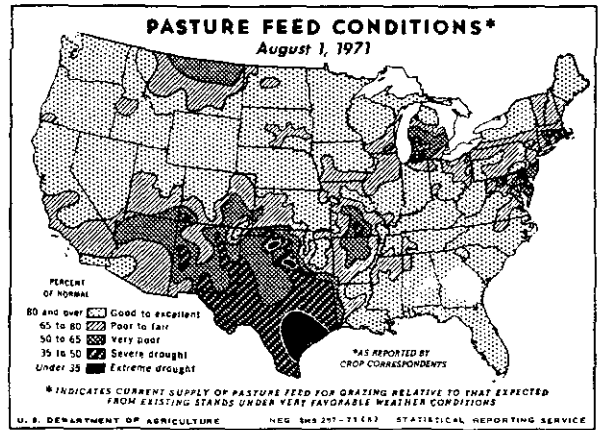
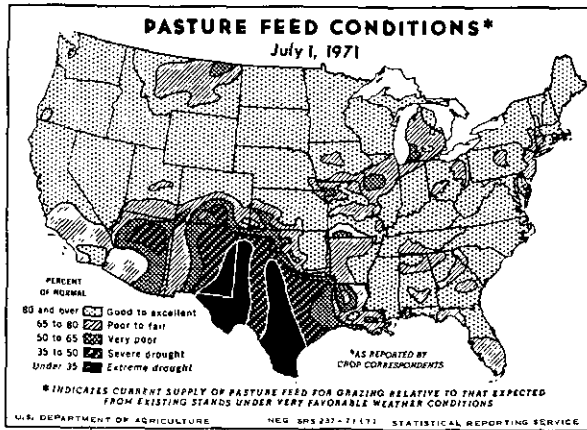
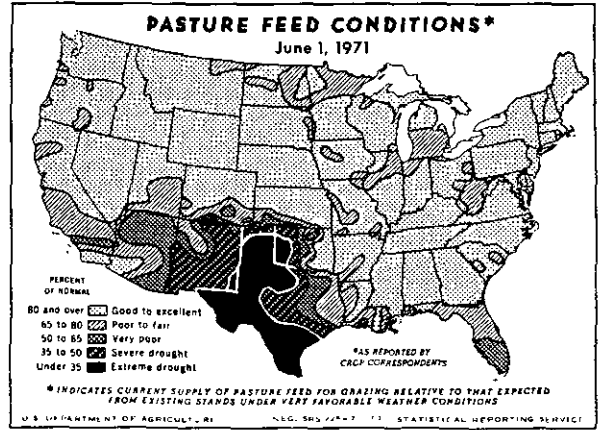
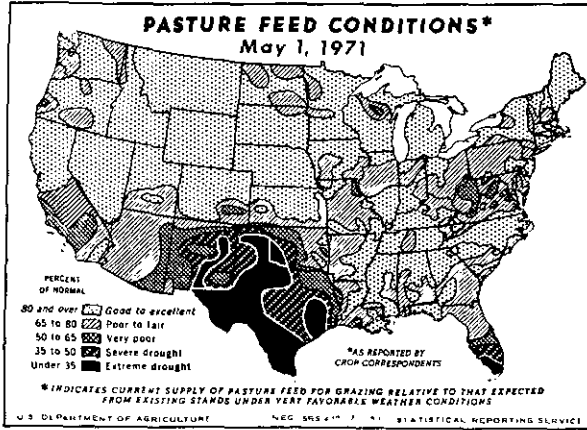
3/ Value per 100 pounds of concentrate ration fed to milk cows.

November 1 pasture feed condition as percent of normal, by States

State	Average 1960-69	1970	1971	State	Average 1960-69	1970	1971
	Percent				Percent		
Maine	78	85	84	N. C.	77	79	92
N. H.	79	83	87	S. C.	71	73	87
Vt.	80	86	88	Ga.	73	74	82
Mass.	76	82	87	Fla.	76	83	82
R. I.	78	83	84				
Conn.	73	80	91	Ky.	77	91	94
N. Y.	75	89	90	Tenn.	73	84	86
N. J.	65	67	89	Ala.	71	83	84
Pa.	69	87	87	Miss.	73	85	85
				Ark.	70	85	72
Ohio	72	87	92	La.	70	84	82
Ind.	78	89	93	Okla.	77	72	83
Ill.	79	89	79	Texas	74	75	87
Mich.	81	88	79				
Wis.	80	87	87	Mont.	80	87	73
				Idaho	84	88	92
Minn.	78	76	80	Wyo.	80	90	92
Iowa	86	89	79	Colo.	78	82	74
Mo.	74	90	77	N. Mex.	76	75	78
N. Dak.	70	71	78	Ariz.	83	80	83
S. Dak.	74	70	79	Utah.	82	85	81
Nebr.	80	74	75	Nev.	82	90	92
Kans.	79	77	75	Wash.	82	78	85
				Oreg.	83	76	87
Del.	71	71	89	Calif.	78	73	80
Md.	69	67	89				
Va.	74	68	99	U. S.	77	82	84
W. Va.	74	81	92				



# THE 1971 PASTURE SEASON



Pasture feed condition as percentage of normal, season average  
and first of month, by States

State	Season average			1971							
	Average 1960-69	1970	1971	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
	Percent										
Maine	83	82	85	90	90	89	77	81	84	84	
N. H.	82	83	82	76	89	87	72	76	90	87	
Vt.	84	83	83	78	88	86	73	82	86	88	
Mass.	78	82	80	76	90	83	61	76	87	87	
R. I.	81	81	79	80	90	83	60	70	85	84	
Conn.	79	78	82	79	90	84	70	78	85	91	
N. Y.	79	88	86	81	89	89	80	81	89	90	
N. J.	71	77	80	82	74	87	78	63	79	87	
Pa.	74	90	82	75	89	89	76	72	85	87	
Ohio	81	87	84	84	78	86	84	82	79	87	
Ind.	84	89	87	85	79	85	87	87	85	91	
Ill.	84	89	78	85	79	85	75	79	69	72	
Mich.	84	88	74	87	81	73	68	59	70	79	
Wis.	81	83	86	90	90	94	82	76	80	87	
Minn.	82	79	83	87	86	96	89	64	77	80	
Iowa	87	85	78	81	87	84	82	64	69	79	
Mo.	79	82	74	80	75	84	77	70	62	69	
N. Dak.	76	78	80	79	80	95	90	64	73	78	
S. Dak.	77	74	80	85	88	94	85	56	73	79	
Nebr.	81	75	82	87	95	93	91	65	69	75	
Kans.	80	76	79	81	79	84	84	83	75	73	
Del.	75	84	80	81	75	88	82	56	77	89	
Md.	74	82	82	80	73	88	87	67	84	91	
Va.	79	81	89	81	72	90	98	87	94	94	
W. Va.	77	83	82	72	60	78	88	85	90	92	
N. C.	82	84	89	83	85	90	91	90	93	91	
S. C.	78	73	84	74	83	86	82	87	90	86	
Ga.	79	80	84	74	78	84	80	92	92	87	
Fla.	78	81	78	70	64	68	76	88	91	82	
Ky.	83	89	90	78	80	90	93	94	94	95	
Tenn.	80	84	86	75	81	88	85	87	92	90	
Ala.	77	81	84	70	82	87	83	86	91	90	
Miss.	76	82	85	72	83	88	85	80	93	92	
Ark.	76	82	79	76	81	88	79	69	87	77	
La.	74	82	78	73	71	77	70	79	87	87	
Okla.	78	70	68	64	55	57	73	64	75	76	
Texas	73	72	57	40	40	45	45	40	78	83	
Mont.	81	88	77	88	85	83	72	65	71	73	
Idaho	86	88	93	88	92	97	95	91	93	92	
Wyo.	81	88	93	92	97	98	94	86	91	92	
Colo.	77	84	75	79	84	86	76	73	65	74	
N. Mex.	73	73	62	52	51	46	52	58	82	80	
Ariz.	84	81	73	74	72	71	61	69	77	78	
Utah	83	84	84	87	85	87	86	82	81	82	
Nev.	83	90	89	82	85	90	94	90	92	87	
Wash.	84	81	86	80	80	90	92	88	83	86	
Oreg.	84	81	86	74	78	89	92	92	87	89	
Calif.	81	76	83	79	80	82	87	86	87	85	
U. S.	79	81	78	1/71	74	80	79	76	79	82	84

1/ Reported in 30 States.

