

# MILK PRODUCTION

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## JANUARY MILK PRODUCTION SLIGHTLY ABOVE PREVIOUS YEAR

January milk production totaled 10.0 billion pounds compared with 9.99 billion pounds for January 1978. Production per cow averaged 925 pounds, up 10 pounds from a year earlier and 28 pounds from January 1977. Total milk cows averaged 10.8 million head, off 1 percent from last year.

### SPECIAL IN THIS ISSUE

Total milk cows, milk production, milk cow operations and distribution by size group of inventory and operations.

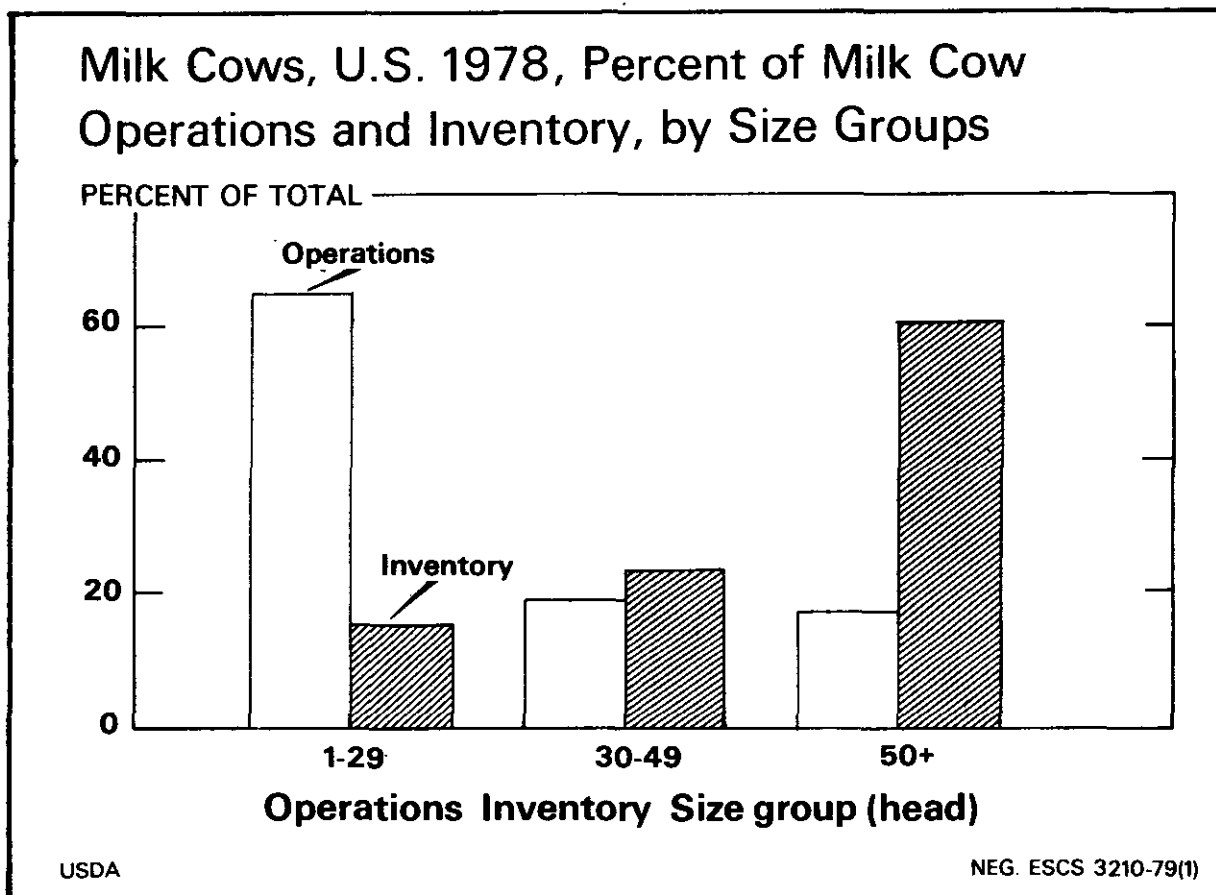
### 1978 MILK PRODUCTION OFF 1 PERCENT

Milk production during 1978 totaled 122 billion pounds, 1 percent below the 1977 estimate of 123 billion pounds. The 1978 production was 4 percent below the record 1964 total of 127 billion pounds. Output per cow in 1978 was a record 11,240 pounds, up 59 pounds from 1977. The annual average number of cows was 10.8 million head, 1 percent below the 1977 average of 11.0 million, and continues the long downward trend.

Wisconsin continued as the leading milk producer in 1978 with 21.3 billion pounds, followed by: California, 11.9 billion; New York, 10.5 billion; Minnesota, 9.1 billion; and Pennsylvania, 7.9 billion pounds. These five States turned out nearly one-half of the U.S. production during 1978.

### MILK COW OPERATIONS AND INVENTORY BY SIZE GROUPS

An estimated 16.9 percent of the milk cow operations with 50 or more head accounted for 60.0 percent of the total milk cow inventory in 1978. Operations with less than 30 head represented 65.2 percent of milk cow operations and only 16.0 percent of the inventory. The balance or 17.9 percent of the operations with 30 to 49 milk cows had 24.0 percent of the inventory.



JANUARY 1979 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			1979 AS PCT OF 1978
	1977	1978	1979	1977	1978	1979	1977	1978	1979	
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
ALA	87	85	84	680	660	670	59	56	56	100
ARK	90	90	90	620	625	620	56	56	56	100
CALIF	812	846	862	1,135	1,145	1,095	922	969	944	97
COLO	71	72	72	960	955	965	68	69	69	100
FLA	200	197	189	880	895	915	176	176	173	98
GA	129	129	129	890	890	905	115	115	117	102
IDAHO	142	139	141	880	940	940	125	131	133	102
ILL	234	231	236	850	835	835	199	193	197	102
IND	207	208	201	880	840	880	182	175	177	101
IOWA	392	380	374	840	850	870	329	323	325	101
KANS	141	139	136	840	820	840	118	114	114	100
KY	280	276	264	625	625	640	175	173	169	98
LA	135	129	127	660	705	690	89	91	88	97
MD	140	136	133	935	955	955	131	130	127	98
MICH	403	402	402	970	980	985	391	394	396	101
MINN	880	850	850	930	920	915	818	782	778	99
MISS	116	109	103	580	615	640	67	67	66	99
MO	308	283	274	725	750	765	223	212	210	99
NEBR	137	127	120	780	780	830	107	99	100	101
N Y	913	914	903	890	955	985	813	873	889	102
N C	146	145	144	940	930	945	137	135	136	101
N DAK	108	103	97	690	685	735	75	71	71	100
OHIO	400	397	381	905	905	910	362	359	347	97
OKLA	116	114	112	770	780	785	89	89	88	99
OREG	93	93	93	840	880	865	78	82	80	98
PA	705	703	705	880	895	910	620	629	642	102
TENN	210	204	210	770	790	780	162	161	164	102
TEX	317	314	310	865	910	900	274	286	279	98
UTAH	79	76	77	975	985	970	77	75	75	100
VT	193	194	189	850	900	935	164	175	177	101
VA	174	171	172	895	935	940	156	160	162	101
WASH	179	176	190	1,120	1,205	1,175	200	212	223	105
WIS	1,800	1,810	1,811	950	960	990	1,710	1,738	1,793	103
OTH 17										
STS 3/	689	681	667	900	916	920	620	624	614	98
U S	11,026	10,923	10,848	897	915	925	9,887	9,994	10,035	100

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

Milk-Feed Price Ratios are carried in the monthly  
Agricultural Prices.

MILK COWS AND MILK PRODUCTION, UNITED STATES, 1971-78

YEAR	MILK COWS <sup>2/</sup>	PRODUCTION PER COW <sup>1/</sup>		MILK PRODUCTION
		MILK		TOTAL
	THOUSANDS	POUNDS	MILLION POUNDS	
1971	11,839	10,015	118,566	
1972	11,700	10,259	120,025	
1973	11,413	10,119	115,491	
1974	11,230	10,293	115,586	
1975	11,143	10,350	115,334	
1976	11,055	10,879	120,269	
1977 <sup>3/</sup>	10,974	11,181	122,698	
1978 <sup>3/</sup>	10,848	11,240	121,928	

<sup>1/</sup> EXCLUDES MILK SUCKED BY CALVES.

<sup>2/</sup> AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH.

<sup>3/</sup> REVISED.

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS <sup>1/</sup>			MILK PER COW <sup>2/</sup>			MILK PRODUCTION <sup>2/</sup>			1979
	1977	1978	1979	1977	1978	1979	1977	1978	1979	AS PERCENT
	THOUSANDS			POUNDS			MILLION POUNDS			OF 1978
JAN	11,026	10,923	10,848	897	915	925	9,887	9,994	10,035	100
FEB	11,018	10,903		844	852		9,301	9,287		
MAR	11,004	10,877		961	967		10,572	10,523		
APR	10,992	10,844		976	980		10,725	10,631		
MAY	10,978	10,824		1,034	1,033		11,354	11,178		
JUN	10,961	10,808		1,003	1,004		10,989	10,851		
JUL	10,960	10,811		974	974		10,671	10,534		
AUG	10,968	10,821		945	944		10,363	10,213		
SEP	10,963	10,832		896	899		9,820	9,733		
OCT	10,945	10,837		899	907		9,838	9,832		
NOV	10,942	10,837		858	864		9,391	9,364		
DEC	10,933	10,853		895	902		9,787	9,788		
ANNUAL	10,974	10,848		11,181	11,240		122,698	121,928		

<sup>1/</sup> EXCLUDES HEIFERS NOT YET FRESH.

<sup>2/</sup> EXCLUDES MILK SUCKED BY CALVES.

## ANNUAL MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1977	1978	1977	1978	1977	1978	1978 % CHANGE FROM 1977
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
ALA	85	84	8,047	7,857	684	660	96
ALAS	1.5	1.4	10,933	10,571	16.4	14.8	90
ARIZ	69	68	13,246	13,176	914	896	98
ARK	89	89	8,146	8,090	725	720	99
CALIF	827	846	14,472	14,027	11,968	11,867	99
COLO	71	72	11,944	12,111	848	872	103
CONN	52	50	12,000	12,240	624	612	98
DEL	12.2	11.7	11,393	11,026	139.0	129.0	93
FLA	198	193	10,066	10,093	1,993	1,948	98
GA	129	129	9,985	10,000	1,288	1,290	100
HAW	13.0	12.9	11,538	11,628	150.0	150.0	100
IDAHO	141	140	11,348	11,664	1,600	1,633	102
ILL	234	231	10,748	10,403	2,515	2,403	96
IND	208	203	10,913	10,729	2,270	2,178	96
IOWA	386	377	10,440	10,700	4,030	4,034	100
KANS	140	138	10,436	10,130	1,461	1,398	96
KY	278	269	8,727	8,632	2,426	2,322	96
LA	132	128	8,250	8,305	1,089	1,063	98
MAINE	58	57	11,000	11,193	638	638	100
MD	138	134	11,413	11,493	1,575	1,540	98
MASS	51	48	11,706	11,917	597	572	96
MICH	403	403	11,814	11,893	4,761	4,793	101
MINN	866	837	10,950	10,859	9,483	9,089	96
MISS	112	106	7,661	7,887	858	836	97
MO	298	277	9,792	9,964	2,918	2,760	95
MONT	27	27	10,963	11,148	296	301	102
NEBR	133	124	10,105	10,234	1,344	1,269	94
NEV	14.3	14.7	13,846	12,810	198.0	188.3	95
N H	31	30	10,935	10,967	339	329	97
N J	47	45	11,681	11,667	549	525	96
N MEX	31	33	13,742	13,879	426	458	108
N Y	914	906	11,186	11,582	10,224	10,493	103
N C	145	143	10,979	10,958	1,592	1,567	98
N DAK	107	100	8,916	9,210	954	921	97
OHIO	400	384	11,138	11,133	4,455	4,275	96
OKLA	116	113	9,655	9,646	1,120	1,090	97
OREG	93	93	11,312	11,452	1,052	1,065	101
PA	703	700	11,083	11,259	7,791	7,881	101
R I	5.0	4.7	11,400	11,702	57.0	55.0	96
S C	55	54	9,509	9,444	523	510	98
S DAK	171	170	9,766	9,412	1,670	1,600	96
TENN	208	209	10,486	10,230	2,181	2,138	98
TEX	315	311	10,705	11,039	3,372	3,433	102
UTAH	78	76	12,000	12,303	936	935	100
VT	191	189	10,995	11,534	2,100	2,180	104
VA	173	172	11,012	11,058	1,905	1,902	100
WASH	176	186	14,466	14,419	2,546	2,682	105
W VA	38	37	8,763	9,297	333	344	103
WIS	1,802	1,811	11,676	11,735	21,041	21,252	101
WYO	11.6	11.1	10,690	10,541	124.0	117.0	94
U S	10,974	10,848	11,181	11,240	122,698	121,928	99

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1977 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
THOUSANDS						
ALA	87	87	86	85	85	85
ALAS			1.5			1.5
ARIZ			68			72
ARK	90	90	91	91	88	88
CALIF	812	814	817	821	824	825
COLO	71	71	71	70	71	71
CONN			52			51
DEL			12.2			12.2
FLA	200	201	200	199	198	198
GA	129	129	129	129	129	129
HAW			13.0			12.8
IDAHO	142	142	142	141	141	141
ILL	234	234	234	235	235	233
IND	207	208	209	208	208	207
IOWA	392	390	387	387	387	385
KANS	141	140	140	140	140	140
KY	280	279	279	279	279	279
LA	135	134	134	134	133	132
MAINE			58			58
MD	140	140	139	139	139	138
MASS			51			51
MICH	403	401	401	402	402	401
MINN	880	878	876	874	872	870
MISS	116	116	114	113	111	111
MO	308	307	306	304	301	299
MONT			27			27
NEBR	137	136	136	135	134	133
NEV			14.3			14.3
N H			31			31
N J			47			46
N MEX			31			31
N Y	913	915	915	914	913	912
N C	146	146	146	145	143	143
N DAK	108	108	108	108	108	107
OHIO	400	399	401	399	401	400
OKLA	116	116	116	116	116	116
OREG	93	93	93	93	93	93
PA	705	705	703	703	700	700
R I			5.1			4.9
S C			54			54
S DAK			171			171
TENN	210	210	209	210	209	208
TEX	317	317	317	316	315	314
UTAH	79	78	78	78	79	79
VT	193	192	190	188	188	188
VA	174	174	174	174	173	173
WASH	179	179	178	176	176	176
W VA			39			38
WIS	1,800	1,799	1,798	1,799	1,800	1,800
WYO			11.7			11.7
OTH 17 STS	689	690		687	687	
U S	11,026	11,018	11,004	10,992	10,978	10,961

SEE FOOTNOTES ON PAGE 7.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1977 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
	THOUSANDS						
ALA	85	84	84	84	85	85	85
ALAS			1.5			1.4	1.5
ARIZ			68			68	69
ARK	88	87	87	87	88	89	89
CALIF	828	831	834	836	839	842	827
COLO	71	70	70	71	72	72	71
CONN			51			51	52
DEL			12.2			12.1	12.2
FLA	198	198	197	197	197	197	198
GA	129	129	129	129	129	129	129
HAW			12.9			13.0	13.0
IDAHO	141	141	140	139	139	139	141
ILL	235	237	236	232	234	233	234
IND	207	208	208	208	208	208	208
IOWA	385	385	383	383	383	380	386
KANS	139	139	139	139	140	140	140
KY	278	278	278	277	277	277	278
LA	132	132	131	131	131	130	132
MAINE			58			58	58
MD	138	138	137	137	137	136	138
MASS			50			51	51
MICH	403	402	405	403	404	404	403
MINN	865	862	859	856	853	850	866
MISS	112	112	111	111	111	110	112
MO	297	295	294	291	288	285	298
MONT			27			27	27
NEBR	133	132	131	130	129	128	133
NEV			14.3			14.3	14.3
N H			31			31	31
N J			47			46	47
N MEX			31			31	31
N Y	913	914	916	916	914	915	914
N C	143	145	144	145	144	144	145
N DAK	107	107	106	105	105	104	107
OHIO	397	400	400	400	398	400	400
OKLA	116	116	116	116	115	114	116
OREG	93	93	93	93	93	93	93
PA	699	703	707	703	703	703	703
R I			4.9			4.8	5.0
S C			56			56	55
S DAK			171			170	171
TENN	208	208	207	205	205	204	208
TEX	314	314	314	314	314	314	315
UTAH	79	78	78	77	76	76	78
VT	190	192	193	193	193	194	191
VA	172	172	172	171	171	170	173
WASH	176	176	174	175	174	176	176
W VA			38			37	38
WIS	1,802	1,803	1,805	1,806	1,808	1,809	1,802
WYO			11.5			11.5	11.6
OTH 17 STS	687	687		686	685		
U S <u>2/</u>	10,960	10,968	10,963	10,945	10,942	10,933	10,974

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH. INDIVIDUAL STATE ESTIMATES NOT AVAILABLE FOR PERIODS BLANK. 2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
ALA	85	85	85	85	84	84
ALAS			1.4			1.4
ARIZ			68			69
ARK	90	89	89	89	88	88
CALIF	846	842	844	837	836	839
COLO	72	71	71	72	73	73
CONN			50			49
DEL			11.8			11.6
FLA	197	196	195	195	194	194
GA	129	129	129	129	129	129
HAW			13.0			12.8
IDAHO	139	139	139	140	140	140
ILL	231	228	228	227	225	228
IND	208	205	204	204	203	204
IOWA	380	379	379	379	377	377
KANS	139	140	139	139	138	138
KY	276	274	273	271	270	269
LA	129	129	129	129	128	128
MAINE			58			57
MD	136	136	135	134	134	134
MASS			49			48
MICH	402	402	400	402	405	403
MINN	850	845	839	830	825	825
MISS	109	109	110	109	108	107
MO	283	281	279	277	275	274
MONT			27			27
NEBR	127	126	126	127	126	125
NEV			14.3			14.6
N H			29			29
N J			45			44
N MEX			32			33
N Y	914	914	909	904	907	903
N C	145	145	145	143	144	142
N DAK	103	102	101	100	100	100
OHIO	397	394	391	387	384	381
OKLA	114	114	113	114	114	113
OREG	93	93	93	93	93	93
PA	703	703	699	699	696	696
R I			4.8			4.6
S C			55			53
S DAK			170			170
TENN	204	205	206	208	211	209
TEX	314	313	313	312	312	311
UTAH	76	76	76	76	76	77
VT	194	193	191	188	185	185
VA	171	172	173	173	172	171
WASH	176	184	185	185	185	185
W VA			38			36
WIS	1,810	1,810	1,811	1,811	1,812	1,812
WYO			11.5			11.0
OTH 17 STS	681	680		676	675	
U S 2/	10,923	10,903	10,877	10,844	10,824	10,808

SEE FOOTNOTES ON PAGE 9.



MILK COWS: NUMBER, BY MONTHS, BY STATES, 1978 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
THOUSANDS							
ALA	84	84	84	84	84	84	84
ALAS			1.3			1.3	1.4
ARIZ			66			70	68
ARK	88	88	89	89	89	90	89
CALIF	842	846	849	853	857	860	846
COLO	73	73	72	72	72	72	72
CONN			49			49	50
DEL			11.6			11.5	11.7
FLA	193	193	192	191	190	189	193
GA	129	129	129	129	129	129	129
HAW			13.0			13.0	12.9
IDAHO	141	141	141	141	141	141	140
ILL	231	233	233	236	234	236	231
IND	202	201	201	201	201	202	203
IOWA	377	376	376	376	374	374	377
KANS	138	137	137	136	136	136	138
KY	267	267	266	266	265	265	269
LA	128	128	128	128	127	127	128
MAINE			56			56	57
MD	134	134	134	134	134	134	134
MASS			46			46	48
MICH	404	404	408	406	403	402	403
MINN	825	830	835	840	845	850	837
MISS	106	105	104	103	103	103	106
MO	274	274	275	275	276	276	277
MONT			27			27	27
NEBR	125	124	123	122	121	120	124
NEV			14.9			15.0	14.7
N H			30			30	30
N J			44			43	45
N MEX			33			33	33
N Y	903	904	904	904	903	904	906
N C	142	141	141	142	143	143	143
N DAK	100	100	99	99	98	97	100
OHIO	378	379	379	380	381	382	384
OKLA	113	113	113	113	113	112	113
OREG	93	93	93	93	93	93	93
PA	696	700	703	700	700	703	700
R I			4.6			4.6	4.7
S C			52			51	54
S DAK			169			169	170
TENN	212	212	212	210	210	212	209
TEX	310	310	310	310	310	310	311
UTAH	78	77	76	76	76	76	76
VT	188	188	188	188	190	190	189
VA	171	172	173	173	172	172	172
WASH	186	187	189	190	190	190	186
W VA			37			37	37
WIS	1,811	1,811	1,811	1,811	1,810	1,811	1,811
WYO			10.9			11.1	11.1
OTH 17 STS	699	667		666	667		
U S 2/	10,811	10,821	10,832	10,837	10,837	10,853	10,848

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH. INDIVIDUAL STATE ESTIMATES NOT AVAILABLE FOR PERIODS BLANK.

2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1977 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
POUNDS						
ALA	680	635	710	720	710	650
ARK	620	570	670	745	765	730
CALIF	1,135	1,060	1,210	1,220	1,290	1,250
COLO	960	875	990	1,030	1,070	1,055
FLA	880	810	940	920	915	805
GA	890	815	915	885	845	770
IDAHO	880	815	885	895	950	1,028
ILL	850	845	925	950	985	950
IND	880	820	915	920	1,010	985
IOWA	840	820	890	900	945	935
KANS	840	795	900	915	950	915
KY	625	600	715	785	855	820
LA	660	635	775	775	760	670
MD	935	870	940	970	1,035	965
MICH	970	890	985	975	1,030	1,010
MINN	930	925	1,050	1,025	1,070	1,050
MISS	580	570	665	700	720	685
MO	725	690	790	865	945	925
NEBR	780	750	820	880	920	920
N. Y	890	830	960	960	1,040	1,015
N C	940	855	940	945	960	895
N DAK	690	670	780	805	915	945
OHIO	905	835	950	970	1,035	980
OKLA	770	760	840	870	900	825
OREG	840	800	900	990	1,080	1,045
PA	880	820	920	945	1,020	975
TENN	770	720	850	935	985	930
TEX	865	800	930	950	965	910
UTAH	975	920	1,020	1,015	1,060	1,040
VT	850	785	920	945	1,035	1,045
VA	895	815	915	935	970	935
WASH	1,120	1,040	1,180	1,230	1,320	1,275
WIS	950	885	1,025	1,040	1,115	1,090
OTH 17 STS <u>2/</u>	900	849	953	952	1,006	984
U S	897	844	961	976	1,034	1,003

SEE FOOTNOTES ON PAGE 11.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1977 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
POUNDS							
ALA	655	655	660	665	640	670	8,047
ARK	740	730	710	690	600	605	8,146
CALIF	1,300	1,270	1,200	1,210	1,150	1,175	14,472
COLO	1,070	1,075	985	970	940	945	11,944
FLA	795	780	745	800	795	865	10,066
GA	760	775	785	830	820	900	9,985
IDAHO	1,035	1,035	1,000	971	942	935	11,348
ILL	935	910	875	870	810	825	10,748
IND	960	910	900	910	850	865	10,913
IOWA	925	900	840	830	800	825	10,440
KANS	910	885	845	835	825	850	10,436
KY	825	820	745	705	615	610	8,727
LA	675	675	645	630	625	700	8,250
MD	965	960	950	955	905	940	11,413
MICH	1,010	1,020	995	1,010	960	970	11,814
MINN	940	825	745	760	760	855	10,950
MISS	680	670	610	595	575	590	7,661
MO	890	860	810	780	760	755	9,792
NEBR	910	880	840	840	790	790	10,105
N Y	945	925	905	915	875	925	11,186
N C	890	895	910	940	915	935	10,979
N DAK	890	760	635	605	585	655	8,916
OHIO	975	965	900	900	855	880	11,138
OKLA	820	820	795	775	745	760	9,655
OREG	1,045	1,000	940	930	880	880	11,312
PA	955	950	920	920	880	900	11,083
TENN	910	920	910	910	830	835	10,486
TEX	905	890	860	880	850	900	10,705
UTAH	1,060	1,050	960	975	950	975	12,000
VT	960	915	900	890	850	890	10,995
VA	940	950	925	935	900	925	11,012
WASH	1,300	1,255	1,175	1,220	1,160	1,180	14,466
WIS	1,030	985	905	900	845	905	11,676
OTH 17 STS <u>2/</u>	940	927	893	899	867	886	11,052
U S	974	945	896	899	858	895	11,181

1/ EXCLUDES MILK SUCKED BY CALVES.

2/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
POUNDS						
ALA	660	625	680	690	680	630
ARK	625	580	660	720	750	730
CALIF	1,145	1,040	1,175	1,175	1,230	1,205
COLO	955	890	1,030	1,025	1,055	1,040
FLA	895	845	945	920	925	835
GA	890	790	900	875	850	760
IDAHO	940	850	935	930	980	1,035
ILL	835	810	880	890	940	920
IND	840	825	905	900	965	930
IOWA	850	825	890	905	975	960
KANS	820	735	855	875	900	865
KY	625	600	705	770	835	800
LA	705	635	765	805	760	675
MD	955	870	960	980	1,065	970
MICH	980	900	1,010	990	1,030	1,010
MINN	920	895	1,020	1,025	1,065	1,050
MISS	615	590	690	720	730	700
MO	750	720	780	860	975	940
NEBR	780	730	840	860	920	910
N Y	955	875	1,020	1,030	1,060	1,025
N C	930	860	940	940	945	900
N DAK	685	660	760	790	940	960
OHIO	905	825	940	950	1,030	990
OKLA	780	710	815	840	890	835
OREG	880	820	945	1,000	1,075	1,045
PA	895	840	955	960	1,025	990
TENN	790	725	850	925	955	890
TEX	910	820	940	970	990	930
UTAH	985	925	1,040	1,040	1,090	1,070
VT	900	850	960	1,010	1,090	1,070
VA	935	825	930	935	960	945
WASH	1,205	1,110	1,195	1,220	1,320	1,260
WIS	960	890	1,040	1,050	1,115	1,100
OTH 17 STS <u>2</u> /	916	860	938	938	999	984
U S	915	852	967	980	1,033	1,004

SEE FOOTNOTES ON PAGE 13.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1978 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
	POUNDS						
ALA	635	630	645	655	630	670	7,857
ARK	720	720	690	680	610	635	8,090
CALIF	1,250	1,235	1,175	1,175	1,105	1,120	14,027
COLO	1,065	1,070	1,015	1,005	970	960	12,111
FLA	790	760	720	795	790	860	10,093
GA	750	775	800	860	845	900	10,000
IDAHO	1,060	1,055	1,005	980	935	935	11,664
ILL	905	885	845	850	815	830	10,403
IND	940	920	890	890	840	875	10,729
IOWA	955	930	870	865	835	840	10,700
KANS	865	870	825	845	840	860	10,130
KY	800	800	740	710	620	625	8,632
LA	675	665	640	650	630	690	8,305
MD	960	945	950	950	910	940	11,493
MICH	1,020	1,010	980	1,005	965	980	11,893
MINN	940	820	750	775	760	850	10,859
MISS	685	680	625	620	590	610	7,887
MO	920	890	835	780	770	760	9,964
NEBR	920	890	850	850	820	830	10,234
N Y	970	940	920	930	900	955	11,582
N C	900	895	890	925	900	935	10,958
N DAK	920	810	700	635	635	720	9,210
OHIO	975	950	905	910	855	885	11,133
OKLA	815	810	780	795	770	785	9,646
OREG	1,045	1,010	945	935	870	880	11,452
PA	975	955	930	935	890	910	11,259
TENN	870	880	860	860	800	805	10,230
TEX	925	910	885	940	890	920	11,039
UTAH	1,090	1,065	1,015	1,010	950	970	12,303
VT	1,000	980	940	940	880	920	11,534
VA	940	930	900	925	895	925	11,058
WASH	1,275	1,250	1,155	1,190	1,100	1,145	14,419
WIS	1,020	970	900	910	855	925	11,735
OTH 17 STS <u>2/</u>	945	930	907	911	867	877	11,053
U S	974	944	899	907	864	902	11,240

1/ EXCLUDES MILK SUCKED BY CALVES.

2/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

MILK PRODUCTION: TOTAL MILK PRODUCED, BY MONTHS, BY STATES, 1977 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL
MILLION POUNDS							
ALA	59	55	61	61	60	55	56
ARK	56	51	61	68	67	64	65
CALIF	922	863	989	1,002	1,063	1,031	1,076
COLO	68	62	70	72	76	75	76
FLA	176	163	188	183	181	159	157
GA	115	105	118	114	109	99	98
IDAHO	125	116	126	126	134	145	146
ILL	199	198	216	223	231	221	220
IND	182	171	191	191	210	204	199
IOWA	329	320	344	348	366	360	356
KANS	118	111	126	128	133	128	126
KY	175	167	199	219	239	229	229
LA	89	85	104	104	101	88	89
MD	131	122	131	135	144	133	133
MICH	391	357	395	392	414	405	407
MINN	818	812	920	896	933	914	813
MISS	67	66	76	79	80	76	76
MO	223	212	242	263	284	277	264
NEBR	107	102	112	119	123	122	121
N Y	813	759	878	877	950	926	863
N C	137	125	137	137	137	128	127
N DAK	75	72	84	87	99	101	95
OHIO	362	333	381	387	415	392	387
OKLA	89	88	97	101	104	96	95
OREG	78	74	84	92	100	97	97
PA	620	578	647	664	714	683	668
TENN	162	151	178	196	206	193	189
TEX	274	254	295	300	304	286	284
UTAH	77	72	80	79	84	82	84
VT	164	151	175	178	195	196	182
VA	156	142	159	163	168	162	162
WASH	200	186	210	216	232	224	229
WIS	1,710	1,592	1,843	1,871	2,007	1,962	1,856
OTH 17 STS 2/	620	586	655	654	691	676	646
U S	9,887	9,301	10,572	10,725	11,354	10,989	10,671

SEE FOOTNOTES ON PAGE 15.

MILK PRODUCTION: TOTAL MILK PRODUCED, BY MONTHS, BY STATES, 1977 1/ CONTINUED

STATE	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS						
ALA	55	55	56	54	57	684
ARK	64	62	60	53	54	725
CALIF	1,055	1,001	1,012	965	989	11,968
COLO	75	69	69	68	68	848
FLA	154	147	158	157	170	1,993
GA	100	101	107	106	116	1,288
IDAHO	146	140	135	131	130	1,600
ILL	216	207	202	190	192	2,515
IND	189	187	189	177	180	2,270
IOWA	347	322	318	306	314	4,030
KANS	123	117	116	116	119	1,461
KY	228	207	195	170	169	2,426
LA	89	84	83	82	91	1,089
MD	133	130	131	124	128	1,575
MICH	410	403	407	388	392	4,761
MINN	711	640	651	648	727	9,483
MISS	75	68	66	64	65	858
MO	254	238	227	219	215	2,918
NEBR	116	110	109	102	101	1,344
N Y	845	829	838	800	846	10,224
N C	130	131	136	132	135	1,592
N DAK	81	67	64	61	68	954
OHIO	386	360	360	340	352	4,455
OKLA	95	92	90	86	87	1,120
OREG	93	87	86	82	82	1,052
PA	668	650	647	619	633	7,791
TENN	191	188	187	170	170	2,181
TEX	279	270	276	267	283	3,372
UTAH	82	75	75	72	74	936
VT	176	174	172	164	173	2,100
VA	163	159	160	154	157	1,905
WASH	221	204	214	202	208	2,546
WIS	1,776	1,634	1,625	1,528	1,637	21,041
OTH 17 STS <u>2/</u>	637	612	617	594	605	7,593
U S	10,363	9,820	9,838	9,391	9,787	122,698

1/ EXCLUDES MILK SUCKED BY CALVES.

2/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

MILK PRODUCTION: TOTAL MILK PRODUCED, BY MONTHS, BY STATES, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
MILLION POUNDS						
ALA	56	53	58	59	57	53
ARK	56	52	59	64	66	64
CALIF	969	876	992	983	1,028	1,011
COLO	69	63	73	74	77	76
FLA	176	166	184	179	179	162
GA	115	102	116	113	110	98
IDAHO	131	118	130	130	137	145
ILL	193	185	201	202	212	210
IND	175	169	185	184	196	190
IOWA	323	313	337	343	368	362
KANS	114	103	119	122	124	119
KY	173	164	192	209	225	215
LA	91	82	99	104	97	86
MD	130	118	130	131	143	130
MICH	394	362	404	398	417	407
MINN	782	756	856	851	879	866
MISS	67	64	76	78	79	75
MO	212	202	218	238	268	258
NEBR	99	92	106	109	116	114
N Y	873	800	927	931	961	926
N C	135	125	136	134	136	128
N DAK	71	67	77	79	94	96
OHIO	359	325	368	368	396	377
OKLA	89	81	92	96	101	94
OREG	82	76	88	93	100	97
PA	629	591	668	671	713	689
TENN	161	149	175	192	202	186
TEX	286	257	294	303	309	289
UTAH	75	70	79	79	83	82
VT	175	164	183	190	202	198
VA	160	142	161	162	165	162
WASH	212	204	221	226	244	233
WIS	1,738	1,611	1,883	1,902	2,020	1,993
OTH 17 STS 2/	624	585	636	634	674	660
U S	9,994	9,287	10,523	10,631	11,178	10,851

SEE FOOTNOTES ON PAGE 17.



MILK PRODUCTION: TOTAL MILK PRODUCED, BY MONTHS, BY STATES, 1978 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
ALA	53	53	54	55	53	56	660
ARK	63	63	61	61	54	57	720
CALIF	1,053	1,045	998	1,002	947	963	11,867
COLO	76	78	73	72	70	69	872
FLA	152	147	138	152	150	163	1,948
GA	97	100	103	111	109	116	1,290
IDAHO	149	149	142	138	132	132	1,633
ILL	209	206	197	201	191	196	2,403
IND	190	185	179	179	169	177	2,178
IOWA	360	350	327	325	312	314	4,034
KANS	119	119	113	115	114	117	1,398
KY	214	214	197	189	164	166	2,322
LA	86	85	82	83	80	88	1,063
MD	129	127	127	127	122	126	1,540
MICH	412	408	400	408	389	394	4,793
MINN	776	681	626	651	642	723	9,089
MISS	73	71	65	64	61	63	836
MO	252	244	230	215	213	210	2,760
NEBR	115	110	105	104	99	100	1,269
N Y	876	850	832	841	813	863	10,493
N C	128	126	125	131	129	134	1,567
N DAK	92	81	69	63	62	70	921
OHIO	369	360	343	346	326	338	4,275
OKLA	92	92	88	90	87	88	1,090
OREG	97	94	88	87	81	82	1,065
PA	679	669	654	655	623	640	7,881
TENN	184	187	182	181	168	171	2,138
TEX	287	282	274	291	276	285	3,433
UTAH	85	82	77	77	72	74	935
VT	188	184	177	177	167	175	2,180
VA	161	160	156	160	154	159	1,902
WASH	237	234	218	226	209	218	2,682
WIS	1,847	1,757	1,630	1,648	1,548	1,675	21,252
OTH 17 STS <u>2/</u>	632	620	603	607	578	586	7,439
U S	10,534	10,213	9,733	9,832	9,364	9,788	121,928

1/ EXCLUDES MILK SUCKED BY CALVES.

2/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

MILK PRODUCTION: TOTAL MILK PRODUCED, BY QUARTERS, BY STATES, 1977 1/

STATE	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL TOTAL
MILLION POUNDS					
ALA	175	176	166	167	684
ALAS	3.99	4.22	4.43	3.76	16.4
ARIZ	225	242	220	227	914
ARK	168	199	191	167	725
CALIF	2,774	3,096	3,132	2,966	11,968
COLO	200	223	220	205	848
CONN	157	161	153	153	624
DEL	34.7	34.8	35.4	34.1	139.0
FLA	527	523	458	485	1,993
GA	338	322	299	329	1,288
HAW	37.2	39.3	37.5	36.0	150.0
IDAHO	367	405	432	396	1,600
ILL	613	675	643	584	2,515
IND	544	605	575	546	2,270
IOWA	993	1,074	1,025	938	4,030
KANS	355	389	366	351	1,461
KY	541	687	664	534	2,426
LA	278	293	262	256	1,089
MAINE	146	172	167	153	638
MD	384	412	396	383	1,575
MASS	148	156	147	146	597
MICH	1,143	1,211	1,220	1,187	4,761
MINN	2,550	2,743	2,164	2,026	9,483
MISS	209	235	219	195	858
MO	677	824	756	661	2,918
MONT	69	77	78	72	296
NEBR	321	364	347	312	1,344
NEV	47.5	51.6	50.6	48.3	198.0
N H	83	90	84	82	339
N J	136	145	137	131	549
N MEX	101	109	107	109	426
N Y	2,450	2,753	2,537	2,484	10,224
N C	399	402	388	403	1,592
N DAK	231	287	243	193	954
OHIO	1,076	1,194	1,133	1,052	4,455
OKLA	274	301	282	263	1,120
OREG	236	289	277	250	1,052
PA	1,845	2,061	1,986	1,899	7,791
R I	13.7	15.3	14.7	13.3	57.0
S C	135	135	126	127	523
S DAK	410	470	417	373	1,670
TENN	491	595	568	527	2,181
TEX	823	890	833	826	3,372
UTAH	229	245	241	221	936
VT	490	569	532	509	2,100
VA	457	493	484	471	1,905
WASH	596	672	654	624	2,546
W VA	84	86	84	79	333
WIS	5,145	5,840	5,266	4,790	21,041
WYO	29.9	32.8	32.0	29.3	124.0
U S	29,760	33,068	30,854	29,016	122,698

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL MILK PRODUCED, BY QUARTERS, BY STATES 1978 1/

STATE	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	ANNUAL TOTAL
MILLION POUNDS					
ALA	167	169	160	164	660
ALAS	3.58	4.12	3.79	3.31	14.8
ARIZ	227	234	215	220	896
ARK	167	194	187	172	720
CALIF	2,837	3,022	3,096	2,912	11,867
COLO	205	227	229	211	872
CONN	156	159	150	147	612
DEL	33.8	32.1	31.4	31.7	129.0
FLA	526	520	437	465	1,948
GA	333	321	300	336	1,290
HAW	37.5	38.9	37.5	36.1	150.0
IDAHO	379	412	440	402	1,633
ILL	579	624	612	588	2,403
IND	529	570	554	525	2,178
IOWA	973	1,073	1,037	951	4,034
KANS	336	365	351	346	1,398
KY	529	649	625	519	2,322
LA	272	287	253	251	1,063
MAINE	146	173	168	151	638
MD	378	404	383	375	1,540
MASS	146	151	139	136	572
MICH	1,160	1,222	1,220	1,191	4,793
MINN	2,394	2,596	2,083	2,016	9,089
MISS	207	232	209	188	836
MO	632	764	726	638	2,760
MONT	70	80	80	71	301
NEBR	297	339	330	303	1,269
NEV	45.3	49.3	48.2	45.5	188.3
N H	81	86	82	80	329
N J	136	139	128	122	525
N MEX	108	117	120	113	458
N Y	2,600	2,818	2,558	2,517	10,493
N C	396	398	379	394	1,567
N DAK	215	269	242	195	921
OHIO	1,052	1,141	1,072	1,010	4,275
OKLA	262	291	272	265	1,090
OREG	246	290	279	250	1,065
PA	1,888	2,073	2,002	1,918	7,881
R I	13.9	14.5	13.5	13.1	55.0
S C	133	132	122	123	510
S DAK	394	439	400	367	1,600
TENN	485	580	553	520	2,138
TEX	837	901	843	852	3,433
UTAH	224	244	244	223	935
VT	522	590	549	519	2,180
VA	463	489	477	473	1,902
WASH	637	703	689	653	2,682
W VA	85	89	87	83	344
WIS	5,232	5,915	5,234	4,871	21,252
WYO	28.5	30.3	30.0	28.2	117.0
U S	29,804	32,660	30,480	28,984	121,928

1/ EXCLUDES MILK SUCKED BY CALVES.

NUMBER OF OPERATIONS WITH MILK COWS, BY STATES, 1977-78

STATE	1977	1978
	NUMBER	
ALA	6,500	6,000
ALAS	60	60
ARIZ	970	970
ARK	8,000	7,500
CALIF	5,900	5,700
COLO	4,500	4,300
CONN	1,200	1,200
DEL	330	320
FLA	3,100	3,000
GA	4,000	3,600
HAW	80	70
IDAHO	5,200	4,900
ILL	9,000	8,500
IND	9,200	8,900
IOWA	17,500	17,000
KANS	7,000	6,700
KY	22,000	20,000
LA	6,500	6,000
MAINE	2,200	2,200
MD	4,100	3,700
MASS	1,400	1,400
MICH	10,500	10,000
MINN	29,000	28,000
MISS	7,300	6,300
MO	18,000	15,000
MONT	4,200	4,000
NEBR	7,000	6,500
NEV	400	400
N H	900	900
N J	900	850
N MEX	1,800	1,800
N Y	20,500	20,000
N C	10,000	9,800
N DAK	5,500	5,200
OHIO	13,600	12,300
OKLA	7,000	6,900
OREG	4,800	4,700
PA	24,000	23,000
R I	170	160
S C	3,300	3,000
S DAK	8,600	8,400
TENN	13,000	12,000
TEX	14,000	13,500
UTAH	2,700	2,600
VT	4,500	4,400
VA	11,000	10,500
WASH	4,400	4,000
W VA	5,200	4,600
WIS	49,000	47,000
WYO	1,900	1,700
U S	401,910	379,530

MILK COWS: PERCENT OF OPERATIONS AND INVENTORY BY SIZE GROUPS, 1977-78  
SELECTED STATES AND REGIONS

STATE	1-29				30-49				50+			
	OPERATIONS		INVENTORY		OPERATIONS		INVENTORY		OPERATIONS		INVENTORY	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	PERCENT											
ALA	91.0	90.5	17.5	16.0	1.5	1.5	4.5	4.5	7.5	8.0	78.0	79.5
ARK	88.5	88.5	17.5	16.0	5.0	4.5	15.0	14.0	6.5	7.0	67.5	70.0
CALIF	61.0	60.5	1.0	1.0	2.5	2.5	.5	.5	36.5	37.0	98.5	98.5
COLO	85.0	84.5	10.0	9.5	3.5	3.5	8.5	8.0	11.5	12.0	81.5	82.5
FLA	88.0	87.5	3.0	2.5	1/	1/	1/	1/	12.0	12.5	97.0	97.5
GA	76.0	75.0	6.0	5.0	2.5	2.5	2.5	2.5	21.5	22.5	91.5	92.5
IDAHO	68.0	66.5	15.0	11.5	12.0	12.0	16.0	15.0	20.0	21.5	69.0	73.5
ILL	54.5	52.0	14.0	10.0	22.5	23.0	30.0	30.0	23.0	25.0	56.0	60.0
IND	72.0	71.0	24.5	23.5	13.5	13.5	25.0	24.0	14.5	15.5	50.5	52.5
IOWA	61.5	60.0	24.0	20.0	24.5	25.0	39.0	40.0	14.0	15.0	37.0	40.0
KANS	74.0	73.0	19.0	16.5	11.5	11.5	22.5	22.0	14.5	15.5	58.5	61.5
KY	83.0	82.0	37.0	35.0	10.5	10.5	29.0	29.0	6.5	7.5	34.0	36.0
LA	81.5	80.0	11.5	8.0	3.0	3.0	6.5	6.0	15.5	17.0	82.0	86.0
MD	51.0	49.0	9.5	8.0	15.0	15.0	15.0	14.0	34.0	36.0	75.5	78.0
MICH	53.0	51.0	17.0	16.0	22.0	22.0	23.0	22.0	25.0	27.0	60.0	62.0
MINN	59.5	57.5	34.0	30.0	31.5	33.0	39.0	40.5	9.0	9.5	27.0	29.5
MISS	83.0	81.5	15.0	13.0	5.0	5.0	12.0	12.0	12.0	13.5	73.0	75.0
MO	81.5	79.5	23.5	19.0	8.0	8.5	18.0	18.0	10.5	12.0	58.5	63.0
NEBR	74.0	72.5	29.0	23.0	14.5	15.0	27.5	28.0	11.5	12.5	43.5	49.0
N Y	36.0	35.0	9.0	7.5	30.5	29.0	28.0	25.5	33.5	36.0	63.0	67.0
N C	84.5	84.0	19.5	15.5	6.0	6.0	15.0	14.5	9.5	10.0	65.5	70.0
N DAK	73.5	71.0	34.0	28.0	14.5	16.0	28.0	30.0	12.0	13.0	38.0	42.0
OHIO	68.5	67.0	28.0	25.5	15.0	15.0	22.0	22.0	16.5	18.0	50.0	52.5
OKLA	87.0	87.0	17.5	15.5	3.5	3.5	8.0	8.0	9.5	9.5	74.5	76.5
OREG	84.5	84.5	14.0	13.0	3.0	3.0	5.5	5.5	12.5	12.5	80.5	81.5
PA	54.0	52.5	19.0	17.5	29.5	30.0	36.5	36.5	16.5	17.5	44.5	46.0
TENN	84.0	83.5	25.0	23.0	7.0	7.0	15.5	15.5	9.0	9.5	59.5	61.5
TEX	79.0	79.0	8.5	8.0	2.0	2.0	3.5	3.0	19.0	19.0	88.0	89.0
UTAH	73.0	72.0	11.5	8.0	9.0	9.0	11.5	11.0	18.0	19.0	77.0	81.0
VT	35.0	34.0	9.0	7.0	27.0	26.0	22.0	21.0	38.0	40.0	69.0	72.0
VA	83.0	82.0	17.0	14.5	5.0	5.0	12.0	11.5	12.0	13.0	71.0	74.0
WASH	65.0	62.5	5.5	5.5	6.5	6.5	6.0	5.5	28.5	31.0	88.5	89.0
WIS	45.0	42.0	23.0	21.5	37.5	39.0	41.5	41.0	17.5	19.0	35.5	37.5
OTH 17 STS	76.2	75.0	15.4	13.1	10.1	10.8	17.4	18.2	13.7	14.2	67.2	68.7
U S	66.9	65.2	18.2	16.0	17.4	17.9	24.2	24.0	15.7	16.9	57.6	60.0

1/ COMBINED WITH OTHER SIZE GROUPS.



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