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# Milk Production



National  
Agricultural  
Statistics  
Service  
Fact Finding  
for Agriculture

United States  
Department of  
Agriculture

Agricultural  
Statistics  
Board

Washington, D.C.

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RELEASED: March 16, 1989  
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## FEBRUARY MILK PRODUCTION

Milk production in the 21 selected States during February totaled 9.83 billion pounds, virtually the same as February 1988, according to the Agricultural Statistics Board.

Production per cow in the 21 selected States averaged 1,148 pounds for February, 13 pounds more than February 1988.

The number of cows on farms in the 21 selected States was 8.56 million head, 15 thousand less than January 1989 and 95 thousand head below February 1988.

During the October-December 1988 period the 21 selected States produced 85.1 percent of the U.S. production. If producers in the remaining 29 States not surveyed March 1 followed the same production pattern as the 21 States, then the U.S. production would be 11.5 billion pounds for February.

## 1988 MILK PRODUCTION SUMMARY

Milk production during 1988 totaled 146 billion pounds, up 2 percent from 1987. The output per cow, at 14,213 pounds, was 411 pounds above the 1987 rate. The average number of cows during the year was 10.2 million head, 1 percent less than 1987.

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\* NOTICE \*  
\* \*  
\* SPECIAL IN THIS ISSUE: Total milk cows, milk production and number of \*  
\* operations with milk cows -- Revised 1987-88. \*  
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\* \*  
\* The next issue of this report will be published April 14, 1989. \*  
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MILK COWS AND MILK PRODUCTION BY QUARTERS, UNITED STATES,

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1987	1988	1987	1988	1987	1988	1988 AS % OF 1987
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN-MAR	10,419	10,286	3,341	3,519	34,808	36,197	104
APR-JUN	10,333	10,252	3,620	3,694	37,405	37,871	101
JUL-SEP	10,277	10,218	3,458	3,526	35,533	36,025	101
OCT-DEC	10,285	10,208	3,385	3,471	34,811	35,434	102
ANNUAL	10,329	10,239	13,802	14,213	142,557	145,527	102

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION BY MONTHS, 21 SELECTED STATES

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1987	1988	1987	1988	1987	1988	1988 AS % OF 1987
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,805	8,673	1,124	1,178	9,898	10,221	103
FEB	8,766	8,657	1,054	1,135	9,237	9,822	106
MAR	8,728	8,641	1,191	1,237	10,392	10,693	103
APR	8,713	8,624	1,193	1,230	10,391	10,605	102
MAY	8,696	8,631	1,260	1,282	10,960	11,064	101
JUN	8,674	8,608	1,208	1,227	10,482	10,562	101
JUL	8,663	8,601	1,202	1,222	10,416	10,514	101
AUG	8,644	8,596	1,175	1,196	10,154	10,282	101
SEP	8,647	8,604	1,126	1,158	9,734	9,967	102
OCT	8,655	8,591	1,149	1,179	9,946	10,125	102
NOV	8,649	8,585	1,111	1,140	9,605	9,790	102
DEC	8,668	8,594	1,163	1,193	10,079	10,251	102
ANNUAL	8,692	8,617	13,955	14,378	121,294	123,896	102

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION BY MONTHS, 21 SELECTED STATES

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1988	1989	1988	1989	1988	1989	1989 AS % OF 1988
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,673	8,577	1,178	1,220	10,221	10,465	102
FEB	8,657	8,562	1,135	1,148	9,822	9,830	100
MAR	8,641		1,237		10,693		
APR	8,624		1,230		10,605		
MAY	8,631		1,282		11,064		
JUN	8,608		1,227		10,562		
JUL	8,601		1,222		10,524		
AUG	8,596		1,196		10,282		
SEP	8,604		1,158		9,967		
OCT	8,591		1,179		10,125		
NOV	8,585		1,140		9,790		
DEC	8,594		1,193		10,251		
ANNUAL	8,617		14,378		123,896		

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

FEBRUARY 1989 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1988	1989	1988	1989	1988	1989	1989 AS % OF 1988
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
CALIF	1,010	1,027	1,400	1,435	1,414	1,474	104
FLA	184	182	1,165	1,180	214	215	100
IDAHO	165	167	1,150	1,150	190	192	101
ILL	209	199	1,085	1,090	227	217	96
IND	188	176	1,010	1,080	190	190	100
IOWA	299	309	1,000	1,030	299	318	106
KY	218	215	850	860	185	185	100
MD	111	107	1,045	1,100	116	118	102
MICH	355	345	1,175	1,180	417	407	98
MINN	810	805	1,075	1,030	871	829	95
MO	223	226	1,025	1,030	229	233	102
N Y	839	808	1,095	1,110	919	897	98
N C	105	106	1,220	1,121	128	128	100
OHIO	368	367	1,035	1,045	381	384	101
PA	720	710	1,150	1,200	828	852	103
TENN	200	200	880	900	176	180	102
TEX	340	360	1,150	1,150	391	414	106
VT	170	168	1,135	1,095	193	184	95
VA	144	140	1,120	1,130	161	158	98
WASH	216	218	1,410	1,390	305	303	99
WIS	1,783	1,727	1,115	1,130	1,988	1,952	98
21 STATE							
TOTAL	8,657	8,562	1,135	1,148	9,822	9,830	100

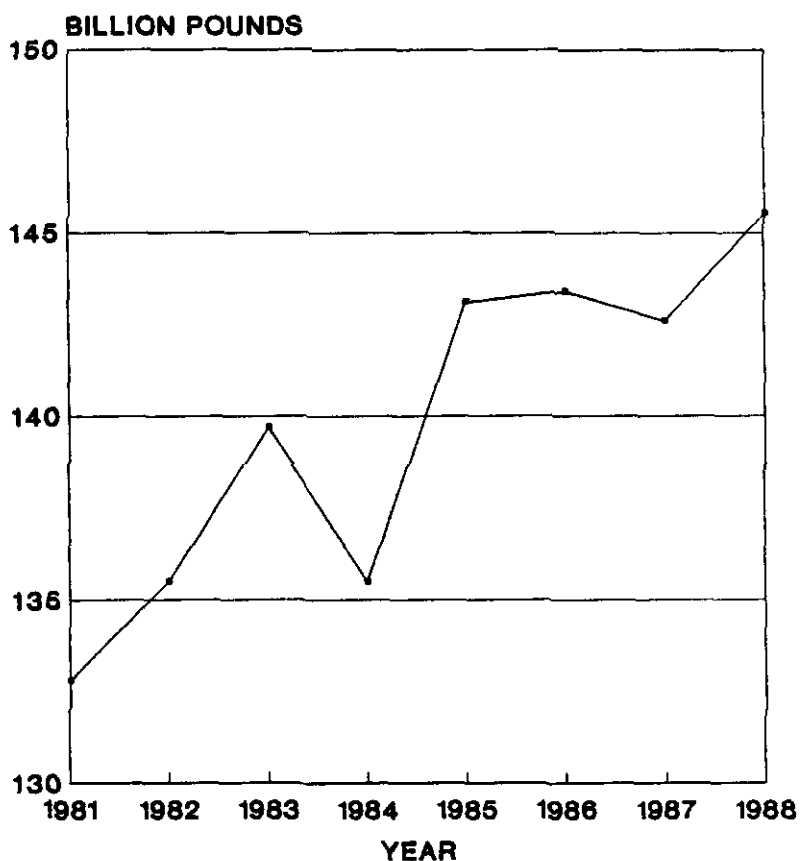
1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION, UNITED STATES, 1981-88

YEAR	MILK COWS 1/ THOUSANDS	PRODUCTION PER COW	MILK PRODUCTION
		2/ MILK POUNDS	2/ TOTAL MILLION POUNDS
1981	10,898	12,183	132,770
1982	11,011	12,306	135,505
1983	11,098	12,585	139,672
1984	10,833	12,503	135,450
1985	11,016	12,994	143,147
1986	10,813	13,260	143,381
1987 3/	10,329	13,802	142,557
1988 3/	10,239	14,213	145,527

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES. 3/ REVISED.

## MILK PRODUCTION UNITED STATES, 1981-88



ANNUAL MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1987	1988	1987	1988	1987	1988	1988 AS % OF 1987
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
ALA	40	39	12,550	13,385	502	522	104
ALAS	2.3	2.1	15,130	14,619	34.8	30.7	88
ARIZ	90	89	15,911	16,854	1,432	1,500	105
ARK	64	68	11,688	11,603	748	789	105
CALIF	998	1,015	17,966	18,403	17,930	18,679	104
COLO	75	74	15,893	16,581	1,192	1,227	103
CONN	38	36	14,921	15,028	567	541	95
DEL	9.5	9.3	14,632	14,516	139.0	135.0	97
FLA	177	182	12,480	12,912	2,209	2,350	106
GA	99	104	11,717	11,875	1,160	1,235	106
HAW	11.6	12.0	13,448	13,333	156.0	160.0	103
IDAHO	159	168	14,937	15,643	2,375	2,628	111
ILL	212	206	13,090	13,617	2,775	2,805	101
IND	194	186	12,376	12,941	2,401	2,407	100
IOWA	302	307	12,066	12,267	3,644	3,766	103
KANS	105	104	12,010	12,202	1,261	1,269	101
KY	218	214	10,725	10,874	2,338	2,327	100
LA	88	87	10,011	10,690	881	930	106
MAINE	48	46	13,958	14,000	670	644	96
MD	114	109	13,228	13,239	1,508	1,443	96
MASS	35	32	14,457	14,469	506	463	92
MICH	361	350	14,537	14,937	5,248	5,228	100
MINN	823	802	12,680	12,983	10,436	10,412	100
MISS	72	68	10,917	11,676	786	794	101
MO	222	224	13,243	13,393	2,940	3,000	102
MONT	25	25	13,560	14,080	339	352	104
NEBR	102	103	13,137	13,243	1,340	1,364	102
NEV	19.0	19.0	13,053	14,053	248.0	267.0	108
N H	24	22	13,458	13,773	323	303	94
N J	33	30	13,212	13,200	436	396	91
N MEX	58	62	16,879	17,726	979	1,099	112
N Y	858	822	13,331	13,900	11,438	11,426	100
N C	110	106	14,136	14,670	1,555	1,555	100
N DAK	93	92	11,688	11,543	1,087	1,062	98
OHIO	370	368	13,014	13,139	4,815	4,835	100
OKLA	109	108	10,734	10,926	1,170	1,180	101
OREG	92	94	15,989	15,989	1,471	1,503	102
PA	721	717	14,123	14,232	10,183	10,204	100
R I	2.9	2.7	13,793	14,444	40.0	39.0	98
S C	39	39	12,487	12,333	487	481	99
S DAK	148	146	11,608	12,000	1,718	1,752	102
TENN	203	201	10,872	11,010	2,207	2,213	100
TEX	329	349	13,070	13,940	4,300	4,865	113
UTAH	74	74	15,149	15,770	1,121	1,167	104
VT	174	169	13,851	14,124	2,410	2,387	99
VA	145	143	13,924	13,986	2,019	2,000	99
WASH	208	216	18,091	18,361	3,763	3,966	105
W VA	32	27	10,906	11,148	349	301	86
WIS	1,795	1,763	13,816	14,407	24,800	25,400	102
WYO	9.7	10.0	12,371	12,500	120.0	125.0	104
U S 3/	10,329	10,239	13,802	14,213	142,557	145,527	102

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH. 2/ EXCLUDES MILK SUCKED BY CALVES. 3/ WILL NOT ADD DUE TO ROUNDING.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1987 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
CALIF	989	990	991	993	995	997
FLA	178	175	177	177	179	177
IDAHO	160	158	156	158	159	159
ILL	214	214	213	213	214	213
IND	199	199	198	197	197	195
IOWA	308	306	304	302	302	300
KY	222	222	219	219	219	218
MD	117	116	116	116	116	115
MICH	367	364	363	362	361	360
MINN	845	840	835	830	820	820
MO	218	217	217	220	222	224
N Y	894	887	873	866	858	848
N C	113	112	112	111	111	111
OHIO	371	368	370	373	373	372
PA	729	725	719	718	718	716
TENN	203	203	203	203	201	201
TEX	325	325	325	327	327	327
VT	178	176	175	175	175	175
VA	150	149	148	146	145	144
WASH	205	206	207	207	209	212
WIS	1,820	1,814	1,807	1,800	1,795	1,790
21 STATES	8,805	8,766	8,728	8,713	8,696	8,674

SEE FOOTNOTES ON PAGE 7.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1987 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 2/
THOUSANDS							
CALIF	999	1,001	1,004	1,006	1,007	1,007	998
FLA	175	175	174	176	177	179	177
IDAHO	159	160	160	160	160	160	159
ILL	212	211	212	211	210	211	212
IND	193	191	190	190	190	190	194
IOWA	300	300	300	299	299	299	302
KY	216	216	216	217	218	218	218
MD	114	114	110	110	110	112	114
MICH	359	358	358	358	358	358	361
MINN	820	815	815	815	815	810	823
MO	225	225	223	223	224	224	222
N Y	851	848	847	850	835	843	858
N C	110	108	108	108	107	105	110
OHIO	371	368	370	369	369	369	370
PA	720	720	718	718	721	724	721
TENN	201	203	203	205	205	204	203
TEX	327	327	332	332	334	340	329
VT	175	175	174	172	170	170	174
VA	142	144	144	144	144	145	145
WASH	209	203	206	207	209	211	208
WIS	1,785	1,782	1,783	1,785	1,787	1,789	1,795
21 STATES	8,663	8,644	8,647	8,655	8,649	8,668	8,692

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH. 2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
CALIF	1,007	1,010	1,012	1,013	1,015	1,016
FLA	184	184	185	184	184	180
IDAHO	162	165	165	165	166	168
ILL	209	209	208	207	208	207
IND	188	188	188	188	187	187
IOWA	299	299	302	305	309	310
KY	218	218	217	215	215	214
MD	113	111	109	108	108	108
MICH	357	355	354	352	352	351
MINN	810	810	805	805	800	795
MO	224	223	223	224	224	222
N Y	845	839	833	825	825	813
N C	105	105	106	106	106	106
OHIO	370	368	369	368	370	369
PA	724	720	715	712	713	715
TENN	202	200	199	199	200	201
TEX	340	340	342	346	348	352
VT	170	170	170	169	169	169
VA	145	144	144	143	144	143
WASH	213	216	217	216	217	216
WIS	1,788	1,783	1,778	1,774	1,771	1,766
21 STATES	8,673	8,657	8,641	8,624	8,631	8,608

SEE FOOTNOTES ON PAGE 9.



MILK COWS: NUMBER, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 2/
THOUSANDS							
CALIF	1,017	1,017	1,018	1,018	1,019	1,022	1,015
FLA	179	179	179	181	182	182	182
IDAHO	170	170	170	170	171	170	168
ILL	206	205	205	204	202	201	206
IND	186	185	185	183	182	180	186
IOWA	307	310	309	310	310	310	307
KY	214	213	213	210	210	212	214
MD	108	108	108	109	109	109	109
MICH	350	348	347	345	345	345	350
MINN	795	800	800	800	800	805	802
MO	223	223	225	225	226	227	224
N Y	818	818	818	810	810	813	822
N C	106	106	107	107	107	107	106
OHIO	369	367	367	368	367	367	368
PA	715	717	720	719	716	719	717
TENN	201	200	202	202	202	201	201
TEX	353	353	354	354	354	355	349
VT	168	168	169	170	170	170	169
VA	143	143	142	143	143	142	143
WASH	215	216	217	215	216	216	216
WIS	1,758	1,750	1,749	1,748	1,744	1,741	1,763
21 STATES	8,601	8,596	8,604	8,591	8,585	8,594	8,617

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH. 2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1987 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
POUNDS						
CALIF	1,415	1,315	1,495	1,500	1,585	1,550
FLA	1,140	1,100	1,210	1,150	1,140	1,020
IDAHO	1,170	1,040	1,180	1,210	1,310	1,300
ILL	1,030	1,040	1,125	1,130	1,150	1,110
IND	1,020	930	1,045	1,030	1,100	1,040
IOWA	1,025	985	1,010	1,025	1,055	1,040
KY	845	790	925	950	975	900
MD	1,135	1,050	1,180	1,165	1,190	1,095
MICH	1,180	1,090	1,230	1,210	1,280	1,255
MINN	1,040	985	1,110	1,110	1,180	1,125
MO	1,070	990	1,140	1,200	1,210	1,110
N Y	1,060	980	1,145	1,145	1,225	1,185
N C	1,220	1,145	1,270	1,250	1,260	1,140
OHIO	1,055	1,010	1,110	1,120	1,180	1,120
PA	1,170	1,115	1,205	1,180	1,270	1,210
TENN	860	800	920	980	980	940
TEX	1,070	1,040	1,200	1,190	1,190	1,060
VT	1,150	1,060	1,195	1,180	1,250	1,170
VA	1,175	1,060	1,175	1,200	1,235	1,140
WASH	1,485	1,355	1,515	1,515	1,585	1,555
WIS	1,080	1,010	1,165	1,170	1,270	1,230
21 STATES	1,124	1,054	1,191	1,193	1,260	1,208

SEE FOOTNOTES ON PAGE 11.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1987 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
POUNDS							
CALIF	1,610	1,590	1,495	1,520	1,430	1,455	17,966
FLA	965	870	840	940	990	1,135	12,480
IDAHO	1,360	1,360	1,280	1,280	1,220	1,220	14,937
ILL	1,115	1,105	1,070	1,080	1,045	1,070	13,090
IND	1,060	1,045	1,005	1,030	1,005	1,050	12,376
IOWA	1,025	995	975	975	975	985	12,066
KY	930	910	880	880	845	875	10,725
MD	1,080	1,080	1,045	1,080	1,045	1,090	13,228
MICH	1,270	1,255	1,200	1,215	1,160	1,215	14,537
MINN	1,070	1,015	960	995	995	1,090	12,680
MO	1,160	1,090	1,080	1,090	1,040	1,070	13,243
N Y	1,130	1,120	1,070	1,080	1,065	1,125	13,331
N C	1,110	1,095	1,090	1,165	1,170	1,260	14,136
OHIO	1,110	1,095	1,045	1,060	1,030	1,065	13,014
PA	1,190	1,175	1,135	1,170	1,145	1,170	14,123
TENN	920	905	905	910	850	900	10,872
TEX	1,070	1,000	1,000	1,070	1,060	1,120	13,070
VT	1,130	1,140	1,090	1,150	1,120	1,190	13,851
VA	1,150	1,140	1,125	1,165	1,140	1,185	13,924
WASH	1,575	1,550	1,520	1,515	1,450	1,500	18,091
WIS	1,220	1,185	1,125	1,140	1,080	1,145	13,816
21 STATES	1,202	1,175	1,126	1,149	1,111	1,163	13,955

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	POUNDS					
CALIF	1,450	1,400	1,555	1,565	1,635	1,600
FLA	1,185	1,165	1,225	1,165	1,150	1,040
IDAHO	1,240	1,150	1,270	1,290	1,390	1,360
ILL	1,085	1,085	1,165	1,175	1,200	1,160
IND	1,070	1,010	1,090	1,070	1,140	1,090
IOWA	980	1,000	1,020	1,035	1,045	1,020
KY	880	850	945	975	995	890
MD	1,065	1,045	1,150	1,140	1,170	1,120
MICH	1,230	1,175	1,265	1,225	1,285	1,275
MINN	1,105	1,075	1,170	1,140	1,180	1,110
MO	1,075	1,025	1,135	1,215	1,230	1,115
N Y	1,145	1,095	1,210	1,190	1,240	1,230
N C	1,265	1,220	1,310	1,290	1,300	1,190
OHIO	1,075	1,035	1,120	1,115	1,175	1,120
PA	1,185	1,150	1,210	1,190	1,270	1,180
TENN	900	880	950	980	980	930
TEX	1,150	1,150	1,280	1,270	1,270	1,140
VT	1,205	1,135	1,230	1,200	1,260	1,200
VA	1,165	1,120	1,210	1,200	1,220	1,135
WASH	1,500	1,410	1,530	1,530	1,610	1,560
WIS	1,180	1,115	1,230	1,220	1,290	1,245
21 STATES	1,178	1,135	1,237	1,230	1,282	1,227

SEE FOOTNOTES ON PAGE 13.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
POUNDS							
CALIF	1,610	1,600	1,500	1,530	1,460	1,490	18,403
FLA	980	930	895	990	1,030	1,160	12,912
IDAHO	1,390	1,390	1,320	1,340	1,260	1,270	15,643
ILL	1,155	1,150	1,125	1,130	1,070	1,115	13,617
IND	1,110	1,065	1,065	1,075	1,060	1,125	12,941
IOWA	1,050	1,030	1,000	1,010	1,040	1,050	12,267
KY	895	895	890	885	855	905	10,874
MD	1,045	1,055	1,110	1,140	1,110	1,100	13,239
MICH	1,305	1,255	1,235	1,240	1,190	1,250	14,937
MINN	1,085	1,025	995	1,025	1,000	1,070	12,983
MO	1,140	1,110	1,070	1,080	1,070	1,115	13,393
N Y	1,180	1,130	1,100	1,120	1,085	1,170	13,900
N C	1,155	1,130	1,150	1,195	1,180	1,265	14,670
OHIO	1,110	1,080	1,075	1,085	1,055	1,085	13,139
PA	1,180	1,170	1,150	1,180	1,165	1,200	14,232
TENN	910	900	890	910	890	900	11,010
TEX	1,100	1,060	1,070	1,130	1,120	1,200	13,940
VT	1,165	1,150	1,130	1,140	1,100	1,175	14,124
VA	1,125	1,135	1,135	1,170	1,155	1,195	13,986
WASH	1,610	1,585	1,525	1,525	1,465	1,530	18,361
WIS	1,255	1,235	1,175	1,180	1,115	1,170	14,407
21 STATES	1,222	1,196	1,158	1,179	1,140	1,193	14,378

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1987 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
MILLION POUNDS						
CALIF	1,399	1,302	1,482	1,490	1,577	1,545
FLA	203	193	214	204	204	181
IDAHO	187	164	184	191	208	207
ILL	220	223	240	241	246	236
IND	203	185	207	203	217	203
IOWA	316	301	307	310	319	312
KY	188	175	203	208	214	196
MD	133	122	137	135	138	126
MICH	433	397	446	438	462	452
MINN	879	827	927	921	968	923
MO	233	215	247	264	269	249
N Y	948	869	1,000	992	1,051	1,005
N C	138	128	142	139	140	127
OHIO	391	372	411	418	440	417
PA	853	808	866	847	912	866
TENN	175	162	187	199	197	189
TEX	348	338	390	389	389	347
VT	205	187	209	207	219	205
VA	176	158	174	175	179	164
WASH	304	279	314	314	331	330
WIS	1,966	1,832	2,105	2,106	2,280	2,202
21 STATES	9,898	9,237	10,392	10,391	10,960	10,482

SEE FOOTNOTES ON PAGE 15.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1987 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CALIF	1,608	1,592	1,501	1,529	1,440	1,465	17,930
FLA	169	152	146	165	175	203	2,209
IDAHO	216	218	205	205	195	195	2,375
ILL	236	233	227	228	219	226	2,775
IND	205	200	191	196	191	200	2,401
IOWA	308	299	293	292	292	295	3,644
KY	201	197	190	191	184	191	2,338
MD	123	123	115	119	115	122	1,508
MICH	456	449	430	435	415	435	5,248
MINN	877	827	782	811	811	883	10,436
MO	261	245	241	243	233	240	2,940
N Y	962	950	906	918	889	948	11,438
N C	122	118	118	126	125	132	1,555
OHIO	412	403	387	391	380	393	4,815
PA	857	846	815	840	826	847	10,183
TENN	185	184	184	187	174	184	2,207
TEX	350	327	332	355	354	381	4,300
VT	198	200	190	198	190	202	2,410
VA	163	164	162	168	164	172	2,019
WASH	329	315	313	314	303	317	3,763
WIS	2,178	2,112	2,006	2,035	1,930	2,048	24,800
21 STATES	10,416	10,154	9,734	9,946	9,605	10,079	121,294

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
MILLION POUNDS						
CALIF	1,460	1,414	1,574	1,585	1,660	1,626
FLA	218	214	227	214	212	187
IDAHO	201	190	210	213	231	228
ILL	227	227	242	243	250	240
IND	201	190	205	201	213	204
IOWA	293	299	308	316	323	316
KY	192	185	205	210	214	190
MD	120	116	125	123	126	121
MICH	439	417	448	431	452	448
MINN	895	871	942	918	944	882
MO	241	229	253	272	276	248
N Y	968	919	1,008	982	1,023	1,000
N C	133	128	139	137	138	126
OHIO	398	381	413	410	435	413
PA	858	828	865	847	906	844
TENN	182	176	189	195	196	187
TEX	391	391	438	439	442	401
VT	205	193	209	203	213	203
VA	169	161	174	172	176	162
WASH	320	305	332	330	349	337
WIS	2,110	1,988	2,187	2,164	2,285	2,199
21 STATES	10,221	9,822	10,693	10,605	11,064	10,562

SEE FOOTNOTES ON PAGE 17.



MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CALIF	1,637	1,627	1,527	1,558	1,488	1,523	18,679
FLA	175	166	160	179	187	211	2,350
IDAHO	236	236	224	228	215	216	2,628
ILL	238	236	231	231	216	224	2,805
IND	206	197	197	197	193	203	2,407
IOWA	322	319	309	313	322	326	3,766
KY	192	191	190	186	180	192	2,327
MD	113	114	120	124	121	120	1,443
MICH	457	437	429	428	411	431	5,228
MINN	863	820	796	820	800	861	10,412
MO	254	248	241	243	242	253	3,000
N Y	965	924	900	907	879	951	11,426
N C	122	120	123	128	126	135	1,555
OHIO	410	396	395	399	387	398	4,835
PA	844	839	828	848	834	863	10,204
TENN	183	180	180	184	180	181	2,213
TEX	388	374	379	400	396	426	4,865
VT	196	193	191	194	187	200	2,387
VA	161	162	161	167	165	170	2,000
WASH	346	342	331	328	316	330	3,966
WIS	2,206	2,161	2,055	2,063	1,945	2,037	25,400
21 STATES	10,514	10,282	9,967	10,125	9,790	10,251	123,896

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION: NUMBER AND TOTAL MILK PRODUCED  
BY QUARTERS, BY STATES, 1987

STATE:	MILK COWS 1/				MILK PRODUCTION 2/			
	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC
	THOUSAND HEAD				MILLION POUNDS			
ALA	41	39	39	40	138	130	110	124
ALAS	2.4	2.3	2.3	2.3	8.91	9.10	8.76	8.03
ARIZ	89	91	91	90	366	371	331	364
ARK	62	62	64	67	182	192	187	187
CALIF	990	995	1,001	1,007	4,183	4,612	4,701	4,434
COLO	77	75	74	73	287	304	305	296
CONN	40	38	36	37	145	145	137	140
DEL	9.7	9.7	9.5	9.1	36.0	36.0	34.0	33.0
FLA	177	178	175	177	610	589	467	543
GA	99	98	98	100	307	301	258	294
HAW	11.9	11.5	11.3	11.7	40.4	41.4	37.1	37.1
IDAHO	158	159	160	160	535	606	639	595
ILL	214	213	212	211	683	723	696	673
IND	199	196	191	190	595	623	596	587
IOWA	306	301	300	299	924	941	900	879
KANS	107	104	104	104	310	325	312	314
KY	221	219	216	218	566	618	588	566
LA	88	88	87	87	238	239	195	209
MAINE	49	49	48	47	165	177	170	158
MD	116	116	113	111	392	399	361	356
MASS	37	36	34	34	132	133	120	121
MICH	365	361	358	358	1,276	1,352	1,335	1,285
MINN	840	823	817	813	2,633	2,812	2,486	2,505
MISS	75	73	71	70	212	212	178	184
MO	217	222	224	224	695	782	747	716
MONT	24	25	26	26	76	85	91	87
NEBR	102	102	102	101	321	347	349	323
NEV	19.0	19.0	19.0	19.0	59.7	63.2	66.0	59.1
N H	26	24	23	23	87	83	76	77
N J	34	33	33	32	111	114	107	104
N MEX	59	57	58	59	237	250	248	244
N Y	885	857	849	843	2,817	3,048	2,818	2,755
N C	112	111	109	107	408	406	358	383
N DAK	91	93	92	94	255	300	278	254
OHIO	370	373	370	369	1,174	1,275	1,202	1,164
OKLA	109	109	109	108	290	313	287	280
OREG	92	92	92	93	347	389	380	355
PA	724	717	719	721	2,527	2,625	2,518	2,513
R I	3.0	2.8	2.7	2.9	10.3	10.3	9.4	10.0
S C	41	39	38	39	131	126	108	122
S DAK	149	149	147	146	402	465	442	409
TENN	203	202	202	205	524	585	553	545
TEX	325	327	329	335	1,076	1,125	1,009	1,090
UTAH	74	76	74	72	269	291	288	273
VT	176	175	175	171	601	631	588	590
VA	149	145	143	144	508	518	489	504
WASH	206	209	206	209	897	975	957	934
W VA	32	32	31	31	89	89	86	85
WIS	1,814	1,795	1,783	1,787	5,903	6,588	6,296	6,013
WYO	9.8	9.6	9.6	9.9	28.6	30.5	31.2	29.7
U S 3/:	10,419	10,333	10,277	10,285	34,808	37,405	35,533	34,811

1/ QUARTERLY AVERAGE INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.  
2/ EXCLUDES MILK SUCKED BY CALVES. 3/ WILL NOT ADD DUE TO ROUNDING.

MILK COWS AND MILK PRODUCTION: NUMBER AND TOTAL MILK PRODUCED  
BY QUARTERS, BY STATES, 1988

STATE	MILK COWS 1/				MILK PRODUCTION 2/			
	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC
	THOUSAND HEAD				MILLION POUNDS			
ALA	40	39	39	39	143	140	112	127
ALAS	2.3	2.1	1.9	1.9	8.59	8.11	7.31	6.69
ARIZ	90	89	88	90	401	398	334	367
ARK	68	68	68	68	202	204	189	194
CALIF	1,010	1,015	1,017	1,020	4,448	4,871	4,791	4,569
COLO	74	74	74	75	294	310	316	307
CONN	37	35	35	35	143	137	129	132
DEL	9.2	9.2	9.3	9.3	35.0	34.5	33.2	32.3
FLA	184	183	179	182	659	613	501	577
GA	102	104	104	104	335	318	272	310
HAW	12.0	11.8	12.0	12.3	40.0	41.9	39.2	38.9
IDAHO	164	166	170	170	601	672	696	659
ILL	209	207	205	202	696	733	705	671
IND	188	187	185	182	596	618	600	593
IOWA	300	308	309	310	900	955	950	961
KANS	104	104	104	104	313	324	315	317
KY	218	215	213	211	582	614	573	558
LA	87	87	87	88	252	249	207	222
MAINE	47	47	45	44	164	168	161	151
MD	111	108	108	109	361	370	347	365
MASS	33	32	31	30	123	119	110	111
MICH	355	352	348	345	1,304	1,331	1,323	1,270
MINN	808	800	798	802	2,708	2,744	2,479	2,481
MISS	68	67	67	68	214	213	178	189
MO	223	223	224	226	723	796	743	738
MONT	25	25	25	25	84	90	91	87
NEBR	102	104	104	103	326	350	348	340
NEV	19.0	19.0	19.0	19.0	64.0	68.6	67.9	66.5
N H	22	22	21	21	80	79	72	72
N J	31	30	29	29	104	103	95	94
N MEX	60	61	63	63	258	288	281	272
N Y	839	821	818	811	2,895	3,005	2,789	2,737
N C	105	106	106	107	400	401	365	389
N DAK	94	91	91	90	273	282	261	246
OHIO	369	369	368	367	1,192	1,258	1,201	1,184
OKLA	108	108	108	108	292	303	292	293
OREG	94	94	94	94	361	395	384	363
PA	720	713	717	718	2,551	2,597	2,511	2,545
R I	2.8	2.8	2.6	2.5	10.3	10.3	9.3	9.1
S C	39	38	38	40	129	123	110	119
S DAK	147	147	146	145	431	470	439	412
TENN	200	200	201	202	547	578	543	545
TEX	341	349	353	354	1,220	1,282	1,141	1,222
UTAH	73	74	75	74	271	303	304	289
VT	170	169	168	170	607	619	580	581
VA	144	143	143	143	504	510	484	502
WASH	215	216	216	216	957	1,016	1,019	974
W VA	28	28	27	26	80	78	73	70
WIS	1,783	1,770	1,752	1,744	6,285	6,648	6,422	6,045
WYO	10.0	10.0	10.0	10.0	29.8	32.4	32.2	30.6
U S 3/	10,286	10,252	10,218	10,208	36,197	37,871	36,025	35,434

1/ QUARTERLY AVERAGE INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.  
2/ EXCLUDES MILK SUCKED BY CALVES. 3/ WILL NOT ADD DUE TO ROUNDING.

NUMBER OF OPERATIONS WITH MILK COWS 1987-88 1/

STATE	OPERATIONS WITH MILK COWS 2/	
	1987	1988
	NUMBER	
ALA	1,300	1,300
ALAS	60	60
ARIZ	800	750
ARK	2,000	2,000
CALIF	5,000	4,900
COLO	2,000	1,800
CONN	700	700
DEL	200	180
FLA	1,200	1,200
GA	1,700	1,700
HAW	90	90
IDAHO	3,200	2,800
ILL	5,000	4,600
IND	6,400	5,700
IOWA	9,500	9,000
KANS	2,600	2,600
KY	7,500	7,000
LA	2,800	2,800
MAINE	1,400	1,300
MD	2,000	2,000
MASS	800	800
MICH	7,000	7,000
MINN	19,000	17,000
MISS	1,900	1,900
MO	9,500	9,000
MONT	2,500	2,300
NEBR	4,100	3,900
NEV	400	400
N H	600	600
N J	550	500
N MEX	1,200	1,200
N Y	14,500	14,200
N C	3,800	3,500
N DAK	2,500	2,400
OHIO	10,100	9,500
OKLA	4,000	3,800
OREG	3,400	2,900
PA	18,500	17,500
R I	100	100
S C	1,900	2,000
S DAK	4,600	4,000
TENN	6,200	5,600
TEX	6,500	6,500
UTAH	2,000	1,900
VT	3,200	3,000
VA	4,500	4,500
WASH	3,000	3,000
W VA	2,900	2,700
WIS	37,000	36,000
WYO	700	700
U S	232,400	220,880

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE MILK COWS ON HAND DURING THE YEAR, EXCLUDING COWS USED TO NURSE CALVES. 2/ INCLUDED IN OPERATIONS WITH CATTLE.

# 1989 Agricultural Statistics Board Calendar

## January

Monday	Tuesday	Wednesday	Thursday	Friday
2 Holiday	3	4	5 Egg Products	6 Hog and Pig, Calf, Dairy Products
9 Dairy Slaughter; Vegetables; Poultry Slaughter	10 Crop Production; Animal Products; Dairy Slaughter; Poultry Slaughter	11 Crop Production	13	14 Crop Production; Animal Products; Dairy Slaughter; Poultry Slaughter; Hog and Pig, Calf, Dairy Products
16 Holiday	17 Turkey Hatchery; Poultry Slaughter	18 Milk Production	19 Non-ruminant Poultry; Turkey	20
23	24 Calf, Sheep, Goat, Cold Storage	25	26 Cattle on Feed; Crop Values	27 Poultry Slaughter and Processing
30 Eggs, Chickens and Turkey; Poultry Slaughter; Poultry Slaughter; Poultry Slaughter	31 Agricultural Prices			

## July

Monday	Tuesday	Wednesday	Thursday	Friday
3	4 Holiday	5 Farm Production; Egg Products; Poultry Slaughter	6 Dairy Products; Poultry Slaughter	7 Calf
10 Non-ruminant Poultry and Supplement	11	12 Crop Production	13 Turkey Hatchery	14 Milk Production
17	18 Vegetables	19	20 Milk; Calf	21 Cattle on Feed; Livestock Slaughter; Cold Storage
24	25 Eggs, Chickens and Turkey	26	27	28 Poultry Slaughter and Processing; Calf
31 Agricultural Prices; Calf Production				

## February

Monday	Tuesday	Wednesday	Thursday	Friday
6 Dairy Products; Poultry Slaughter	7 Calf	8 Calf; Sheep and Goat	9 Crop Production	10 Honey; Farm Labor
13	14 Turkey Hatchery	15 Milk Production	16 Poultry Slaughter; Cattle on Feed	17 Sugar Market; Sugar
20 Holiday	21 Calf	22	23 Eggs, Chickens and Turkey	24 Cold Storage; Livestock Slaughter
27 Poultry Slaughter and Processing	28 Agricultural Prices			

## August

Monday	Tuesday	Wednesday	Thursday	Friday
7 Calf	8	9	10 Crop Production	11 Vegetables; Turkey Hatchery
14 Farm Labor	15 Milk Production	16	17 Cattle on Feed	18 Sugar Market; Sugar; Mushrooms
21 Calf	22	23 Cold Storage; Cranberries	24 Eggs, Chickens and Turkey	25 Poultry Slaughter; Livestock Slaughter
28	29 Poultry Slaughter and Processing	30	31 Rice Slaughter; Agricultural Prices	

## March

Monday	Tuesday	Wednesday	Thursday	Friday
6 Dairy Products	7 Calf	8 Vegetables	9 Crop Production	10
13 Livestock Slaughter; Annual	14 Turkey Hatchery	15 Poultry Slaughter	16 Milk Production; Cattle on Feed	17
20 Cold Storage; Annual	21 Calf	22 Hog, Sheep, Goat, Vegetables	23 Eggs, Chickens and Turkey	24 Cold Storage; Wood and Sugar; Livestock Slaughter
27	28 Turkey; Annual; Poultry Slaughter and Processing	29	30 Agricultural Prices	31 Prospective; Poultry Slaughter; Poultry Slaughter; Poultry Slaughter; Hog and Pig

## September

Monday	Tuesday	Wednesday	Thursday	Friday
4 Holiday	5	6 Poultry Slaughter; Dairy Products	7 Calf	8 Vegetables
11	12 Crop Production	13 Turkey Hatchery	14	15 Milk Production
18 Cattle on Feed	19	20 Hog, Sheep, Goat; Calf	21	22 Livestock Slaughter; Cold Storage
25 Calf; Poultry	26 Eggs, Chickens and Turkey	27 Poultry	28 Poultry Slaughter and Processing; Grain Slaughter	29 Agricultural Prices; Hog and Pig; Poultry Slaughter

# October

Monday	Tuesday	Wednesday	Thursday	Friday
2 Egg Products	3 Poultry Slaughter	4	5 Dairy Products	6 Cakery
9 Holiday	10	11 Vegetables	12 Crop Production	13 Turkey Hatchery
16 Milk Production	17	18	19	20 Catfish, Cattle on Feed, Livestock Slaughter
23 Cold Storage	24	25 Eggs, Chickens and Turkeys	26	27
30 Poultry Slaughter and Processing	31 Rice, Stocks and Agricultural Prices			

# November

Monday	Tuesday	Wednesday	Thursday	Friday
2 Dairy Products	7 Cakery	8	9 Crop Production	10 Holiday
13	14 Turkey Hatchery, Farm Labor	15	16 Milk Production	17 Slight Market, Cattle on Feed
20 Catfish	21	22 Cold Storage, Eggs, Chickens and Turkeys	23 Holiday	24
27 Livestock Slaughter	28 Peanut Stocks and Processing	29	30 Agricultural Prices	

# December

Monday	Tuesday	Wednesday	Thursday	Friday
4 Poultry Slaughter	5	6 Dairy Products, Cakery	7	8
11	12 Crop Production	13 Turkey Hatchery	14	15 Milk Production, Vegetables, Poultry Stocks
18 Cattle on Feed	19	20 Catfish	21 Cold Storage, Eggs, Chickens and Livestock Slaughter	22
25 Holiday	26	27	28 Peanut Stocks and Processing	29 Agricultural Prices

# April

Monday	Tuesday	Wednesday	Thursday	Friday
3 Egg Products	4 Poultry Slaughter	5	6 Dairy Products, Cakery	7 Meat, Poultry, and Livestock
10 Vegetables	11 Crop Production	12	13 Turkey Hatchery	14 Poultry Slaughter, Milk Production
17 Poultry Slaughter	18	19	20 Catfish	21 Cattle on Feed, Cold Storage
24	25 Eggs, Chickens and Turkeys	26	27 Peanut Stocks and Processing	28 Poultry Production and Processing, Agricultural Prices

# May

Monday	Tuesday	Wednesday	Thursday	Friday
8 Cakery, Poultry, Meat, and Livestock	9 Vegetables	10	11 Crop Production	12 Turkey Hatchery, Farm Labor
15 Milk Production	16 Poultry Stocks	17 Cattle on Feed	18 Slight Market, Statistics	19 Livestock Slaughter
22 Catfish, Cold Storage	23 Eggs, Chickens and Turkeys	24	25	26 Peanut Stocks and Processing
29 Holiday	30	31 Agricultural Prices		

# June

Monday	Tuesday	Wednesday	Thursday	Friday
5 Poultry Slaughter	6 Dairy Products	7	8 Cakery	9 Vegetables, Annual, Vegetables, Annual
12 Crop Production	13 Turkey Hatchery	14	15	16 Milk Production, Cattle on Feed
19	20	21 Catfish	22 Dairy Production, Eggs, Chickens and Turkeys	23 Cold Storage, Livestock Slaughter
26 Vegetables	27	28 Peanut Stocks and Processing	29 Agricultural Prices, Agricultural Prices, Annual	30 Grits, Stocks, Hops and Ties

# National Agricultural Statistics Service Order Form

## Periodicals

*NOTE: Single copies of periodicals issued since January 1989 available for \$5.50, while supplies last.*

	1 Year	2 Years	3 Years
<b>Field Crop Series</b>			
<i>Crop Production</i> (monthly plus annual <i>Summary</i> plus copies of <i>Prospective Plantings</i> and <i>Winter Wheat and Rye Seedings</i> )	___ \$27	___ \$53	___ \$78
<i>Crop Progress</i> (weekly, April through November)	___ \$25	___ \$49	___ \$72
<i>Peanut Stocks and Processing</i> (monthly)	___ \$14	___ \$27	___ \$39
<i>Grain Stocks</i> (quarterly)	___ \$11	___ \$21	___ \$30
<i>Potato Stocks</i> (6 issues plus 1 issue of <i>Potatoes</i> )	___ \$14	___ \$27	___ \$39
<i>Rice Stocks</i> (quarterly)	___ \$11	___ \$21	___ \$30
<i>Hop Stocks</i> (March & September)	___ \$8	___ \$15	___ \$21
<b>Fruit and Vegetable Series</b>			
<i>Celery</i> (monthly)	___ \$12	___ \$23	___ \$33
<i>Noncitrus Fruits and Nuts</i> (midyear and annual <i>Summary</i> )	___ \$12	___ \$23	___ \$33
<i>Vegetables</i> (monthly plus annual <i>Summary</i> )	___ \$17	___ \$33	___ \$48
<b>Livestock Series</b>			
<i>Cattle</i> (2 issues plus monthly issues of <i>Cattle on Feed</i> )	___ \$20	___ \$39	___ \$57
<i>Hogs and Pigs</i> (quarterly)	___ \$11	___ \$21	___ \$30
<i>Livestock Slaughter</i> (monthly plus annual <i>Summary</i> )	___ \$24	___ \$47	___ \$69
<b>Poultry Series</b>			
<i>Egg Products</i> (monthly)	___ \$15	___ \$29	___ \$42
<i>Eggs, Chickens and Turkeys</i> (monthly, plus copies of <i>Hatchery Production</i> annual, <i>Layers and Egg Production</i> annual, <i>Poultry Production and Value</i> , and <i>Turkeys</i> )	___ \$24	___ \$47	___ \$69
<i>Turkey Hatchery</i> (monthly)	___ \$14	___ \$27	___ \$39
<i>Poultry Slaughter</i> (monthly)	___ \$14	___ \$27	___ \$39
<b>Dairy Series</b>			
<i>Dairy Products</i> (monthly plus annual <i>Summary</i> )	___ \$20	___ \$39	___ \$57
<i>Milk Production</i> (monthly plus copy of <i>Milk Production, Disposition, and Income</i> )	___ \$16	___ \$31	___ \$45
<b>Other Series</b>			
<i>Agricultural Prices</i> (monthly)	___ \$24	___ \$47	___ \$69
<i>Farm Production Expenditures</i> (June & July)	___ \$12	___ \$23	___ \$33
<i>Farm Labor</i> (quarterly)	___ \$11	___ \$21	___ \$30
<i>Catfish</i> (monthly plus copies of <i>Catfish Production</i> in February & July)	___ \$15	___ \$29	___ \$42
<i>Cold Storage</i> (monthly plus annual <i>Summary</i> )	___ \$17	___ \$33	___ \$48
<i>Sugar Market Statistics</i> (quarterly)	___ \$11	___ \$21	___ \$30

*Order form continued on next page.*

