



United States  
Department of  
Agriculture

Statistical  
Reporting  
Service



Crop  
Reporting  
Board

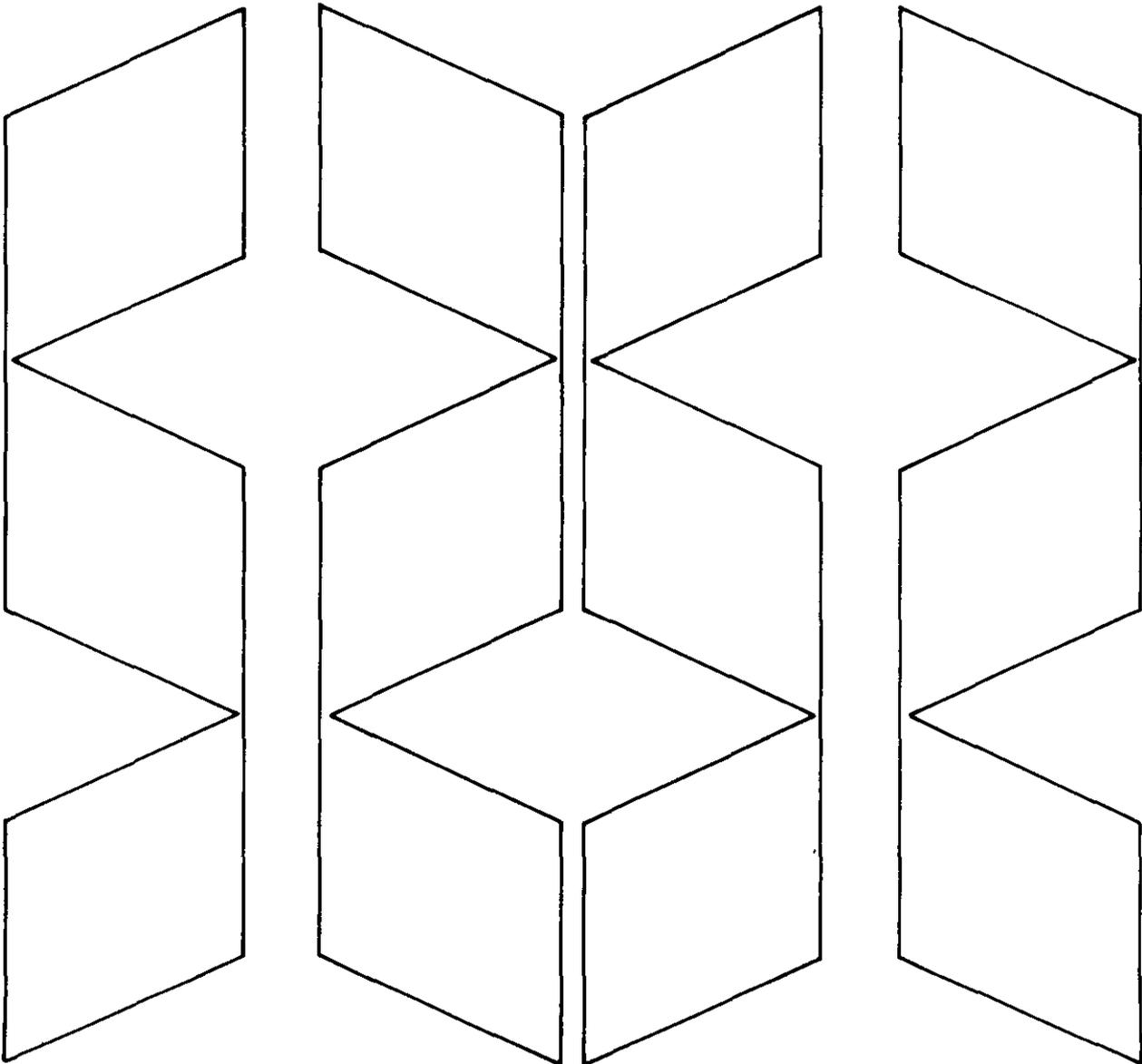
Washington, D.C.

May 1985

Da 2-1(85)

# Dairy Products

## 1984 Summary



# C O N T E N T S

	<u>PAGE</u>
COMMENTS: MANUFACTURED DAIRY PRODUCTS .....	3
TABLES:	
PRODUCTION OF MANUFACTURED DAIRY PRODUCTS: UNITED STATES, BY MONTHS, 1983 AND 1984 .....	6-13
PRODUCTION OF MANUFACTURED DAIRY PRODUCTS: BY STATES, BY MONTHS, 1984:	
BUTTER .....	14
CHEESE, SWISS .....	14
CHEESE, TOTAL, EXCLUDING COTTAGE CHEESE .....	16
CHEESE, BRICK .....	16
CHEESE, AMERICAN .....	18
CHEESE, MUNSTER .....	18
CHEESE, CHEDDAR .....	20
CHEESE, BLUE .....	20
CHEESE, OTHER AMERICAN VARIETIES .....	22
CHEESE, CREAM .....	22
CHEESE, TOTAL ITALIAN .....	24
CHEESE, MOZZARELLA AND SIMILARS .....	24
CHEESE, OTHER ITALIAN .....	26
CHEESE, ALL OTHER TYPES .....	28
CHEESE, COTTAGE, LOWFAT .....	28
CHEESE, COTTAGE, CREAMED .....	30
CHEESE, COTTAGE, CURD .....	32
CONDENSED MILK, BULK PRODUCTS .....	34
EVAPORATED AND CONDENSED, WHOLE MILK, CASE GOODS .....	36
CONDENSED WHEY, SOLIDS CONTENT .....	36
NON-FAT DRY MILK FOR HUMAN FOOD .....	38
DRY SKIM MILK FOR ANIMAL FEED .....	38
DRY WHOLE MILK .....	40
DRY BUTTERMILK .....	40
MILK SUGAR AND LACTOSE .....	40
DRY WHEY .....	42
ICE CREAM .....	44
ICE MILK .....	46
MILK SHERBET .....	52
"MELLORINE-TYPE", FROZEN PRODUCT AND MIX .....	54
OTHER FROZEN DAIRY PRODUCTS .....	54
WATER ICES .....	56
ICE CREAM MIX .....	58
ICE MILK MIX .....	60
MILK SHERBET MIX .....	62
ITALIAN CHEESE, BY TYPES AND BY REGIONS .....	26
PROCESSED, CHEESE FOODS, SPREADS AND COLD PACK, UNITED STATES, 1976-84 .....	27
FROZEN DAIRY PRODUCTS: HARD AND SOFT, BY STATES, 1984 .....	64
MILK EQUIVALENTS, BY STATES, 1984:	
WHOLE MILK EQUIVALENTS .....	66
SKIM MILK EQUIVALENTS .....	68
NET WHOLE MILK EQUIVALENTS, UNITED STATES, 1974-84 .....	69
SKIM MILK EQUIVALENTS, UNITED STATES, 1974-84 .....	69
NUMBER OF DAIRY PLANTS MANUFACTURING ONE OR MORE DAIRY PRODUCTS ..	70

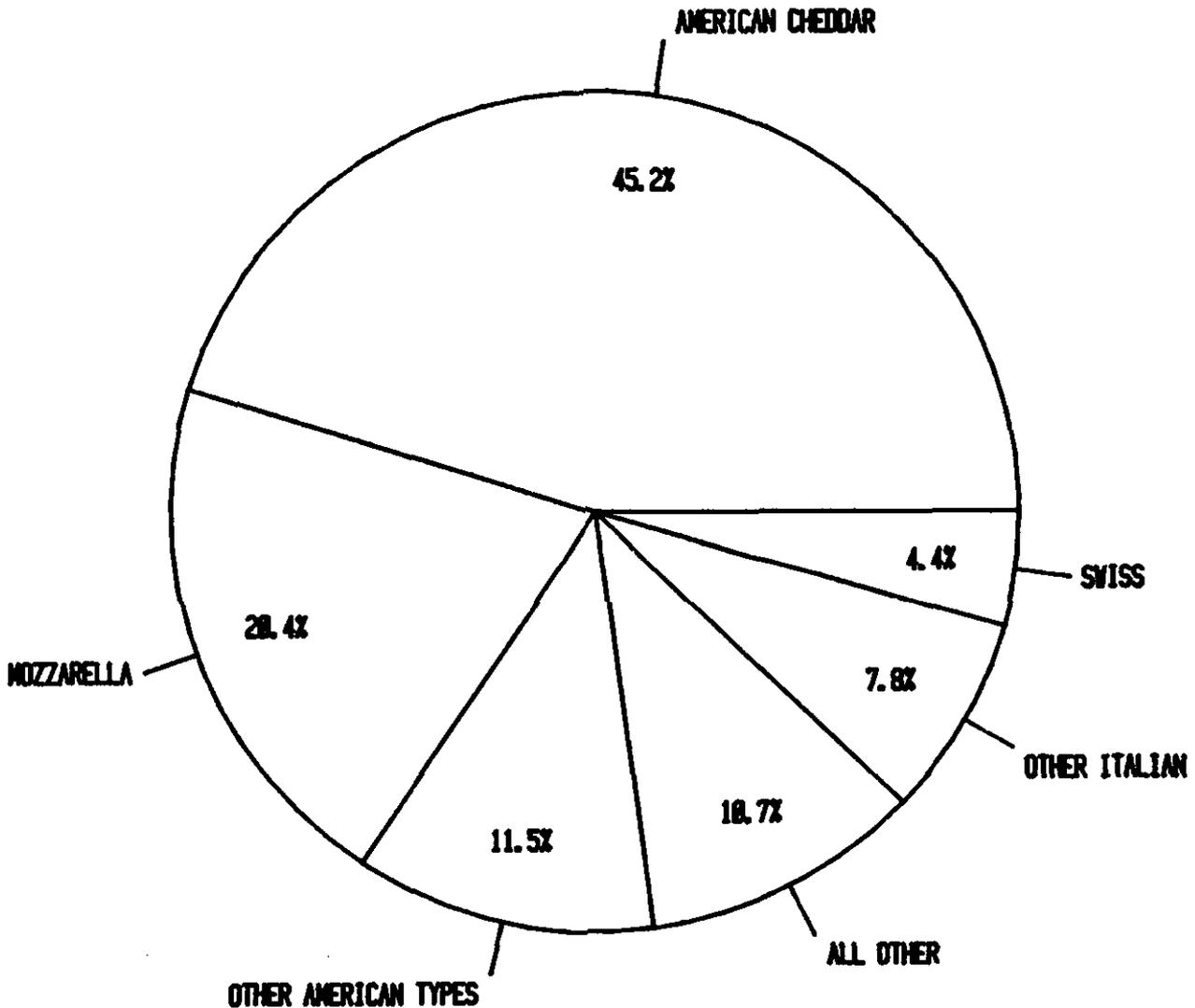
BUTTER PRODUCTION HIGHER IN 1984

Production of butter in the United States during 1984 totaled 1.10 billion pounds (500 thousand metric tons), 15 percent less than the 1983 production. Wisconsin, the leading State in production, accounted for 25 percent of production, California was second with 17 percent.

CHEESE OUTPUT DOWN 3 PERCENT

Total cheese production, excluding cottage cheese was 4.67 billion pounds (2.12 million metric tons), 3 percent below the 1983 record high of 4.82 billion pounds. Wisconsin was the leading State with 36 percent of production, followed by Minnesota with 12 percent and New York with 9 percent.

**CHEESE PRODUCTION 1983**



American type cheese production, at 2.65 billion pounds (1.20 million metric tons), was 9 percent below 1983 production and accounted for 57 percent of the total cheese in 1984.

Italian varieties continued their steady increase to a record 1.32 billion pounds (598 thousand metric tons), 10 percent above the 1983 production. Mozzarella accounted for 72 percent of the Italian varieties followed by Ricotta and Provolone, at 10 percent each, and Parmesan at 6 percent. Wisconsin was the leading State in production of Italian cheese with 33 percent of the production.

Creamed cottage cheese continued to decline in 1984, down 1 percent from 1983 and totaled 734 million pounds (333 thousand metric tons). Lowfat production increased 5 percent to 228 million pounds (103 thousand metric tons).

Frozen Dairy Products production was mixed. Ice cream production totaled 884 million gallons (3.34 billion liters), up fractionally from 1983. Ice milk production increased 2 percent to 300 million gallons (1.13 billion liters). Milk sherbet at 47.3 million gallons (179 million liters) was down 1 percent. Mellorine production was down 18 percent to 8.24 million gallons (3.12 million liters). The 281 million gallons (1.07 billion liters) of soft frozen products (ice cream, ice milk, sherbet, and mellorine) made during 1984 accounted for 23 percent of the total frozen dairy products. Ice milk made up the major portion (85 percent) of soft production. Soft frozen dairy products are sold from direct-serve soft freezer and milk shake machines.

Nonfat dry milk for human food production at 1.16 billion pounds (526 thousand metric tons) was down 23 percent from the 1983 production. Dry buttermilk production was down 15 percent to 39.5 million pounds (17.9 thousand metric tons).

Whole Milk Used for Dairy Products. Manufactured dairy products used 58.4 percent of all milk marketed in the United States during 1984 compared with 61 percent in 1983. Whole milk used for manufacturing products based on milk fat content totaled 77.3 billion pounds (35.1 million metric tons), 8 percent less than the previous year.

The net milk equivalent whole milk used for butter production in 1984 (excluding butter made from whey cream) totaled 21.5 billion pounds (9.74 million metric tons). Net milk equivalent used for butter accounted for 28 percent of the total milk used for all products during 1984 3 points less than in 1983.

TABLE 1: MILK MARKETINGS AND UTILIZATION FOR MANUFACTURED DAIRY PRODUCTS, UNITED STATES, 1965-84

MILK MARKETED			MILK MARKETED		
YEAR	TOTAL	USED FOR DAIRY PRODUCTS	YEAR	TOTAL	USED FOR DAIRY PRODUCTS
	MIL LBS	PERCENT		MIL LBS	PERCENT
1965	118,206	52.3	1975	112,337	53.9
1966	114,440	50.6	1976	117,221	55.2
1967	113,567	52.6	1977	119,831	56.0
1968	112,563	52.6	1978	118,795	55.5
1969	111,793	52.1	1979	120,869	55.8
1970	112,999	53.1	1980	126,067	58.2
1971	114,814	53.7	1981	130,467	59.7
1972	116,487	53.5	1982	133,144	60.5
1973	112,141	52.3	1983	137,323	61.2
1974	112,385	54.6	1984	132,381	58.4

### WHOLE MILK USED IN MANUFACTURING DAIRY PRODUCTS

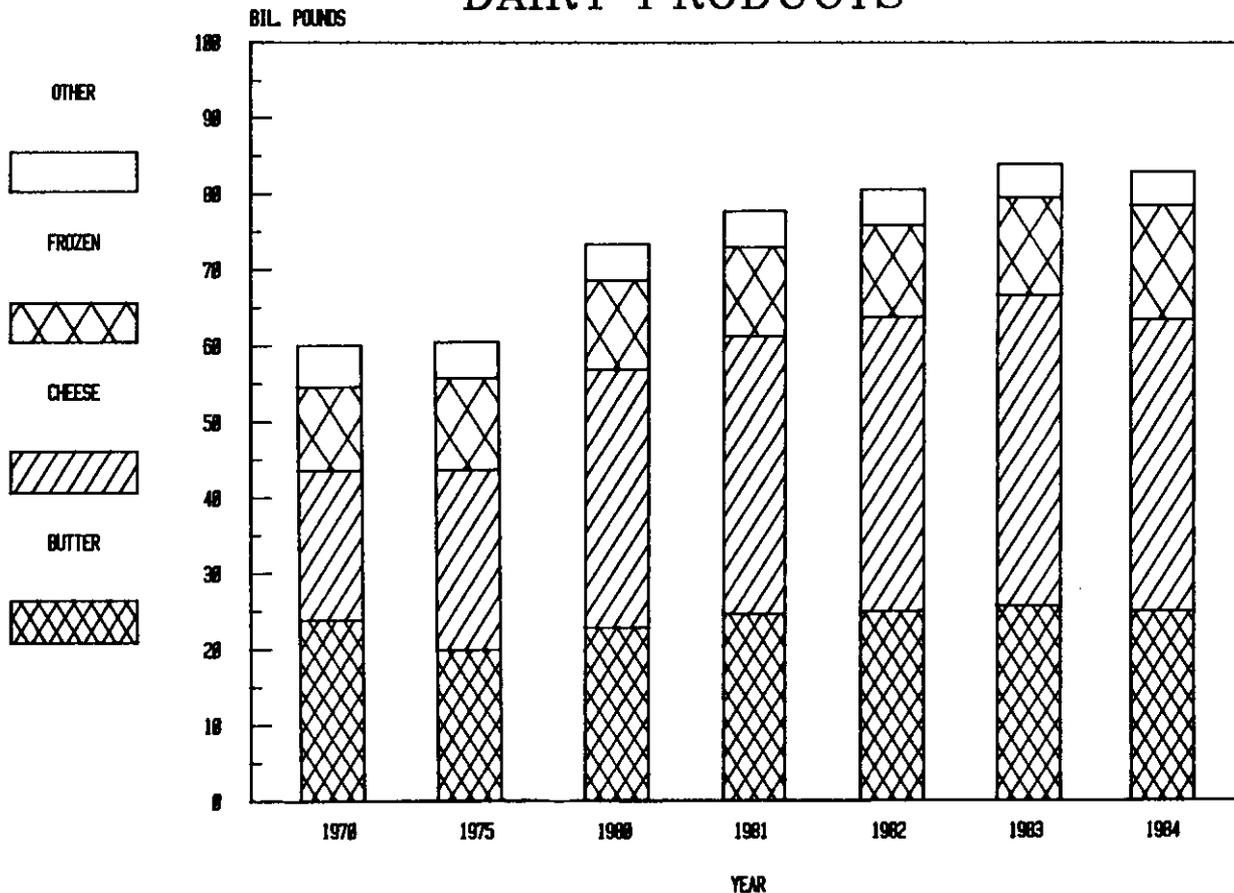


TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1983, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
BUTTER	222	139053	119219	123605	124030	120703	103656
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	383	191497	176295	206381	212121	232126	234154
OTHER AMERICAN 1/:	223	46296	43686	53019	51267	52578	52000
TOTAL AMER.	456	237793	219981	259400	263388	284704	286154
PART SKIM	4	437	390	389	297	281	341
SWISS	62	17420	15805	16943	17373	17865	18306
MUNSTER	56	4936	5023	5921	5767	6202	5950
BRICK	41	1030	1117	1046	1314	1133	1134
LIMBURGER	1	107	117	100	73	94	100
ITALIAN VARIETIES:							
MOZZARELLA	141	69113	66834	72779	68607	71696	70081
OTHER ITALIAN	120	26061	26816	32834	27878	28840	27892
TOTAL ITALIAN:	179	95174	93650	105613	96485	100536	97973
CREAM	23	16696	14590	25871	18130	18826	23721
NEUFCHATEL	5	363	301	424	320	309	500
BLUE 2/	9	2503	2116	2315	2763	2698	2848
ALL OTHER TYPES 3/:	85	8291	6213	7236	7143	6773	7668
TOTAL CHEESE 4/:	696	384750	359303	425258	413053	439421	444695
COTTAGE CHEESE:							
CURD 5/	241	51311	49351	55564	52163	55124	54611
CREAMED 6/	238	59514	57374	64541	61996	65616	64436
LOWFAT 7/	147	17318	17857	19555	18989	20142	19459
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	17	54321	51405	55376	60514	62576	66214
EVAPORATED SKIM	7	1470	1254	1285	1011	1078	1009
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	9	4743	5414	7333	6437	5411	6474
UNSWEETENED	27	13961	13777	16410	16828	15776	18498
SKIM							
SWEETENED	8	3834	3358	4655	4014	4096	4651
UNSWEETENED	79	51559	45179	55356	53731	62494	67542
CONDENSED OR							
EVAPORATED							
BUTTERMILK	13	4210	3724	4743	3895	4239	3780
DRY MILK:							
DRY WHOLE MILK	16	8669	7681	10477	9230	9362	8805
NONFAT DRY MILK							
FOR HUMAN FOOD	101	120903	114182	133926	139166	153564	154159
DRY SKIM MILK							
FOR ANIMAL FEED:	61	801	658	736	748	1029	979
DRY BUTTERMILK	48	5282	4788	4346	4740	4247	3825

SEE FOOTNOTES ON PAGE 7.

TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1983, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
BUTTER	91418	84634	84686	100493	98140	109610	1299247
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	213351	184478	164805	175811	170204	190137	2351360
OTHER AMERICAN 1/	47399	44275	44631	46835	47683	46687	576356
TOTAL AMER.	260750	228753	209436	222646	217887	236824	2927716
PART SKIM	292	507	351	256	234	340	4115
SWISS	16750	18402	17578	18319	16158	18548	209467
MUNSTER	5409	5776	5853	6526	5912	6324	69599
BRICK	1089	1342	1255	1271	1221	1205	14157
LIMBURGER	89	78	91	88	118	94	1149
ITALIAN VARIETIES:							
MOZZARELLA	65930	72081	76689	76528	73644	77610	861592
OTHER ITALIAN	24379	26199	26549	29342	30395	31427	338612
TOTAL ITALIAN:	90309	98280	103238	105870	104039	109037	1200204
CREAM	17228	17346	24453	24911	31996	32207	265975
NEUFCHATEL	306	291	312	284	251	357	4018
BLUE 2/	2546	2702	2750	2885	2659	2711	31496
ALL OTHER TYPES 3/	7374	7857	7653	8839	7786	7739	90572
TOTAL CHEESE 4/	402142	381334	372970	391897	389262	415386	4819471
COTTAGE CHEESE:							
CURD 5/	52076	55467	52413	50110	46864	43108	618162
CREAMED 6/	64003	67049	65126	60808	58436	53607	742506
LOWFAT 7/	17976	19524	18198	16933	15917	14073	215941
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	58445	56442	52296	53223	60167	63206	694185
EVAPORATED SKIM	1097	1380	1612	1889	1293	1660	16038
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	5450	6670	7170	7008	7107	5487	74704
UNSWEETENED	17503	20500	16274	16339	14160	13322	193348
SKIM							
SWEETENED	4131	5137	5127	3984	3809	4598	51394
UNSWEETENED	63184	66256	64120	61865	53206	49340	664109
CONDENSED OR							
EVAPORATED							
BUTTERMILK	3840	5132	6049	5206	3362	2831	51011
DRY MILK:							
DRY WHOLE MILK	7805	9252	9374	10182	10507	9865	111209
NONFAT DRY MILK							
FOR HUMAN FOOD	143371	125337	102082	102729	99401	111082	1499902
DRY SKIM MILK							
FOR ANIMAL FEED:	1040	1069	927	460	491	1386	10324
DRY BUTTERMILK	3133	2541	2926	3113	3300	4256	46497

1/ INCLUDES COLBY, WASHED OR STIRRED CURD, MONTEREY AND JACK. 2/ INCLUDES GORGONZOLA. 3/ INCLUDES FULL-SKIM BEGINNING 1974. 4/ EXCLUDING COTTAGE CHEESE. 5/ MOSTLY USED FOR PROCESSING INTO CREAMED OR LOWFAT COTTAGE CHEESE. 6/ MILKFAT CONTENT 4.0 PERCENT OR MORE. 7/ MILKFAT CONTENT LESS THAN 4.0 PERCENT, MOSTLY 0.5 TO 2.0 PERCENT MILKFAT. 8/ COMBINED TO AVOID DISCLOSING INDIVIDUAL PLANT OPERATIONS.

TABLE 3--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1984, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
BUTTER	213	127263	108901	107568	103011	105148	81759
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	374	181236	175586	194324	196491	214051	203562
OTHER AMERICAN 1/	225	45353	42900	48138	47917	49759	46386
TOTAL AMER.	448	226589	218486	242462	244408	263810	249948
PART SKIM	3	233	261	300	206	208	214
SWISS	62	16599	15989	17782	18226	18445	17899
MUNSTER	56	6033	5545	6230	6363	6455	6514
BRICK	44	1380	1262	1285	1241	1314	1134
LIMBURGER	2	102	108	79	95	113	99
ITALIAN VARIETIES:							
MOZZARELLA	146	76132	71564	81159	77052	82269	78735
OTHER ITALIAN	123	26676	26956	31231	31112	29073	29563
TOTAL ITALIAN:	182	102808	98520	112390	108164	111342	108298
CREAM	23	17968	15442	21321	20801	20273	20474
NEUFCHATEL	4	396	225	305	335	368	442
BLUE 2/	12	2805	2519	2710	2991	3272	3089
ALL OTHER TYPES 3/	86	7147	7631	7406	7081	7302	7282
TOTAL CHEESE 4/	678	382060	365988	412270	409917	432902	415393
COTTAGE CHEESE:							
CURD 5/	232	48371	50256	53165	51533	53245	53261
CREAMED 6/	233	59391	60640	64776	62459	65406	64354
LOWFAT 7/	152	17506	18348	19885	20212	20550	20565
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	15	52461	48142	54242	56333	62801	54541
EVAPORATED SKIM	8	1685	1813	1198	1165	761	1187
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	8	6683	5969	7350	6476	6703	6153
UNSWEETENED	26	14465	19533	23806	19528	17823	18790
SKIM							
SWEETENED	9	4765	4316	4764	3819	4390	4228
UNSWEETENED	81	54282	61512	67564	74342	74299	74045
CONDENSED OR							
EVAPORATED							
BUTTERMILK	15	4403	3888	4184	3586	2972	2696
DRY MILK:							
DRY WHOLE MILK	17	10097	9481	11216	10435	10594	11934
NONFAT DRY MILK							
FOR HUMAN FOOD	99	107048	98743	107843	113134	125709	116197
DRY SKIM MILK							
FOR ANIMAL FEED:	65	684	707	570	715	1157	865
DRY BUTTERMILK	46	5410	3981	3490	3377	4008	3115

SEE FOOTNOTES ON PAGE 9.

TABLE 3--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1984

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1983
1,000 POUNDS								
BUTTER	72733	70168	67481	84434	79775	95075	1103316	84.9
CHEESE TYPES:								
AMERICAN VARIETIES:								
CHEDDAR	174152	162085	147930	150598	145649	167170	2112834	89.9
OTHER AMERICAN 1/	44637	42527	39499	44013	41410	42877	535416	92.9
TOTAL AMER.	218789	204612	187429	194611	187059	210047	2648250	90.5
PART SKIM	196	169	193	228	252	251	2711	65.9
SWISS	17930	18385	16272	16590	16527	17314	207958	99.3
MUNSTER	6201	6661	6590	6949	5962	6543	76046	109.3
BRICK	1392	1282	1321	1402	1369	1650	16032	113.2
LIMBURGER	120	108	105	103	71	122	1225	106.6
ITALIAN VARIETIES:								
MOZZARELLA	75996	80112	80882	85131	80562	83279	952873	110.6
OTHER ITALIAN	29778	28831	29863	34179	32443	36238	365943	108.1
TOTAL ITALIAN:	105774	108943	110745	119310	113005	119517	1318816	109.9
CREAM	18312	19636	23998	30575	33696	29963	272459	102.4
NEUFCHATEL	273	307	317	401	293	345	4007	99.7
BLUE 2/	3115	3007	2824	2591	2551	2641	34115	108.3
ALL OTHER TYPES 3/	7814	8118	8058	8363	8074	7889	92165	101.8
TOTAL CHEESE 4/	379916	371228	357850	381119	368859	396282	4673784	97.0
COTTAGE CHEESE:								
CURD 5/	52708	53687	48684	50719	45874	41992	603495	97.6
CREAMED 6/	64448	65661	58544	61034	56213	51086	734012	98.9
LOWFAT 7/	19483	21043	18383	19269	16800	15535	227579	105.4
CANNED MILK:								
EVAPORATED AND COND. WHOLE 8/	52891	54773	52269	54778	51160	53272	647663	93.3
EVAPORATED SKIM	1834	1538	1798	1601	1967	1488	18035	112.5
BULK CONDENSED MILK:								
WHOLE								
SWEETENED	5900	6613	7337	6646	6495	5655	77980	104.4
UNSWEETENED	20333	20741	19433	18632	17362	15908	226354	117.1
SKIM								
SWEETENED	3292	4761	5327	4613	3685	3383	51343	99.9
UNSWEETENED	72734	65318	66589	74088	62941	55927	803641	121.0
CONDENSED OR EVAPORATED BUTTERMILK	2736	2574	2563	3223	2652	2422	37899	74.3
DRY MILK:								
DRY WHOLE MILK	9792	8174	10434	9040	9192	9233	119622	107.6
NONFAT DRY MILK FOR HUMAN FOOD	106560	88235	70794	71695	67414	85547	1158919	77.3
DRY SKIM MILK FOR ANIMAL FEED:								
DRY BUTTERMILK	635	586	530	549	300	496	7794	75.5
DRY BUTTERMILK	2776	2296	2072	2821	2418	3782	39546	85.1

1/ INCLUDES COLBY, WASHED OR STIRRED CURD, MONTEREY AND JACK. 2/ INCLUDES GORGONZOLA. 3/ INCLUDES FULL-SKIM BEGINNING 1974. 4/ EXCLUDING COTTAGE CHEESE. 5/ MOSTLY USED FOR PROCESSING INTO CREAMED OR LOWFAT COTTAGE CHEESE. 6/ MILKFAT CONTENT 4.0 PERCENT OR MORE. 7/ MILKFAT CONTENT LESS THAN 4.0 PERCENT, MOSTLY 0.5 TO 2.0 PERCENT MILKFAT. 8/ COMBINED TO AVOID DISCLOSING INDIVIDUAL PLANT OPERATIONS.

TABLE 4--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1983, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM 1/	862	54922	60441	79769	69875	78613	91350
ICE MILK 1/ 2/	495	16461	18305	24681	24113	29031	33092
MILK SHERBET 1/	594	2803	2861	3971	3896	4636	5459
OTHER FROZEN DAIRY PRODUCTS 1/	154	1079	1347	1926	1968	2006	2703
MELLORINE TYPE							
FROZEN DESSERTS 1/	71	615	715	821	840	954	1255
WATER ICES 1/	201	1673	2059	3107	3489	4894	6752
MIX FOR PRODUCTS:							
ICE CREAM MIX	599	27816	30323	39851	35702	40694	47507
ICE MILK MIX 3/	598	9926	11113	15194	15332	18422	21052
MILK SHERBET MIX	436	1805	1839	2620	2547	3092	3555
MELLORINE MIX	75	357	399	484	450	517	648

SEE FOOTNOTES ON PAGE 11.

TABLE 5--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1983, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
CONDENSED WHEY SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	19	7541	6626	6591	7269	6601	6941
ANIMAL FEED	5	2327	2089	3066	2672	1878	2142
ACID TYPE:							
HUMAN FOOD							
ANIMAL FEED	6	1125	1086	1658	1290	1491	1715
TOTAL COND.	28	10993	9801	11315	11231	9970	10798
DRY WHEY:							
HUMAN FOOD	54	59418	53400	57072	60289	63911	61781
ANIMAL FEED	67	17425	18745	19204	16694	18346	19260
TOTAL DRY	79	76843	72145	76276	76983	82257	81041
MODIFIED DRY WHEY PRODUCTS							
PART DELACTOSED							
HUMAN FOOD	7	3271	3231	2936	3119	2904	2120
ANIMAL FEED	11	6312	4934	6170	5989	5464	5404
PART DEMINERALIZE:							
HUMAN FOOD	2	2691	2151	2084	2645	2377	2324
ANIMAL FEED							
WHEY PROTEIN CONCENTRATE							
HUMAN FOOD	19	5090	4656	5389	6200	6940	7240
ANIMAL FEED	8	1452	1405	1753	1580	1603	1680
LACTOSE							
HUMAN FOOD	18	10268	9198	10518	9938	9801	9516
ANIMAL FEED	11	1893	1687	2017	2068	2275	2169
TOTAL LACTOSE	23	12161	10885	12535	12006	12076	11685
WHEY SOLIDS IN WET BLENDS							
HUMAN FOOD	10	1829	1496	1344	1229	1857	1582
ANIMAL FEED	9	8115	7336	8468	8498	9275	8193

SEE FOOTNOTES ON PAGE 11.

TABLE 4--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1983, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 GALLONS							
FROZEN PRODUCTS:							
ICE CREAM	86314	91714	81839	66616	61683	58407	881543
ICE MILK 2/ MILK SHERBET	32900	32879	27433	21631	18061	16326	294913
OTHER FROZEN DAIRY PRODUCTS	5615	5454	4271	3045	2884	2837	47732
MELLORINE TYPE	2337	2376	2144	1776	1081	852	21595
FROZEN DESSERTS	1089	1040	1127	812	423	395	10086
WATER ICES	5363	4741	3010	1862	1277	1198	39425
MIX FOR PRODUCTS:							
ICE CREAM MIX	45896	48877	41928	33998	31192	29540	453324
ICE MILK MIX 3/ MILK SHERBET MIX	20874	21094	17098	13789	11825	10745	186464
MELLORINE MIX	3705	3662	2738	2028	1878	1851	31320
	649	667	452	448	356	278	5705

1/ PLANT COUNT DOES NOT INCLUDE COUNTER-FREEZERS.

2/ INCLUDES FREEZER-MADE MILKSHAKE. SEE FOOTNOTE, TABLE 37. 3/ INCLUDES MILKSHAKE MIX.

TABLE 5--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1983, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
CONDENSED WHEY SOLIDS CONTENT 1/ SWEET TYPE:							
HUMAN FOOD	6983	7676	7515	9578	9614	8761	91696
ANIMAL FEED	1564	1383	1626	1784	2345	2769	25645
ACID TYPE:							
HUMAN FOOD							
ANIMAL FEED	1792	1437	1953	1206	2128	2282	19163
TOTAL COND.	10339	10496	11094	12568	14087	13812	136504
DRY WHEY:							
HUMAN FOOD	55807	53331	52050	52573	53906	56830	680368
ANIMAL FEED	19391	18602	15790	15990	15866	16483	211796
TOTAL DRY	75198	71933	67840	68563	69772	73313	892164
MODIFIED DRY WHEY PRODUCTS							
PART DELACTOSED							
HUMAN FOOD	1853	1789	1854	2221	2441	2975	30714
ANIMAL FEED	5129	4239	3351	3357	2143	2499	54991
PART DEMINERALIZE:							
HUMAN FOOD	3061	2812	2253	2343	2468	3054	30263
ANIMAL FEED							
WHEY PROTEIN CONCENTRATE							
HUMAN FOOD	5833	4482	5231	5413	5562	5930	67966
ANIMAL FEED	1507	1696	1545	1368	1310	1443	18342
LACTOSE							
HUMAN FOOD	8838	8213	8070	7908	7247	8275	107790
ANIMAL FEED	2252	1881	1680	1589	1499	1535	22545
TOTAL LACTOSE:	11090	10094	9750	9497	8746	9810	130335
WHEY SOLIDS IN WET BLENDS							
HUMAN FOOD	2274	1675	1759	1706	1558	1617	19926
ANIMAL FEED	7926	9127	9327	10102	8797	8890	104054

1/ FINAL MARKETABLE PRODUCT ONLY, DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED DRY WHEY PRODUCTS.

TABLE 6--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1984

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM 1/	853	55068	66546	77915	73917	82437	90453
ICE MILK 1/ 2/	477	16985	20506	24464	25155	30454	33647
MILK SHERBET 1/	570	2807	3014	4031	4196	4634	5702
OTHER FROZEN							
DAIRY PRODUCTS 1/	148	1135	1410	1832	2016	2357	2814
MELLORINE TYPE							
FROZEN DESSERTS 1/:	57	479	656	784	758	853	878
WATER ICES 1/	199	1938	2629	3769	4128	5091	6056
MIX FOR PRODUCTS:							
ICE CREAM MIX	591	28829	34279	40181	38375	43226	47513
ICE MILK MIX 3/	566	10602	12592	15265	15983	19753	21692
MILK SHERBET MIX	425	1852	2009	2670	2765	3143	3855
MELLORINE MIX	69	326	424	482	473	540	554

SEE FOOTNOTES ON PAGE 13.

TABLE 7--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1984

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
CONDENSED WHEY							
SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	15	8758	8955	9839	7727	7609	7382
ANIMAL FEED	5	2620	1647	2178	2634	2585	2643
ACID TYPE:							
HUMAN FOOD							
ANIMAL FEED	5	909	905	473	720	455	498
TOTAL COND.	24	12287	11507	12490	11081	10649	10523
DRY WHEY:							
HUMAN FOOD	53	62862	60958	66974	64943	67416	65210
ANIMAL FEED	64	15661	13506	14250	13904	13894	13058
TOTAL DRY	80	78523	74464	81224	78847	81310	78268
MODIFIED							
DRY WHEY PRODUCTS							
PART DELACTOSED							
HUMAN FOOD	8	3035	2362	3235	3366	3439	4333
ANIMAL FEED	10	3399	3341	3417	2519	1614	3118
PART DEMINERALIZE:							
HUMAN FOOD	5	3263	3372	3174	3394	1800	976
ANIMAL FEED	2	7	5	40	8	10	11
WHEY PROTEIN							
CONCENTRATE							
HUMAN FOOD	19	6090	5725	6617	6656	7556	7562
ANIMAL FEED	6	1393	1185	1550	1538	1964	1525
LACTOSE							
HUMAN FOOD	20	8796	8405	9172	9813	9889	11691
ANIMAL FEED	8	1753	2086	2145	1859	1489	2093
TOTAL LACTOSE:	24	10549	10491	11317	11672	11378	13784
WHEY SOLIDS IN							
WET BLENDS							
HUMAN FOOD	10	2988	1453	2987	1696	1477	1598
ANIMAL FEED	9	9736	8675	10344	9163	9491	8430

SEE FOOTNOTES ON PAGE 13.

TABLE 6--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1984

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1983
1,000 GALLONS								
FROZEN PRODUCTS:								
ICE CREAM	89805	87252	74519	68686	61272	55655	883525	100.2
ICE MILK 2/ MILK SHERBET	33259	32127	24545	22840	18839	16803	299624	101.6
OTHER FROZEN	5239	4784	3766	3363	2985	2771	47292	99.1
DAIRY PRODUCTS	2740	2361	1841	1870	1257	1108	22741	105.3
MELLORINE TYPE								
FROZEN DESSERTS	893	766	667	599	478	425	8236	81.7
WATER ICES	5234	4599	3079	2088	1660	1342	41613	105.6
MIX FOR PRODUCTS:								
ICE CREAM MIX	47385	45544	38407	35677	31472	27774	458662	101.2
ICE MILK MIX 3/ MILK SHERBET MIX	21490	20815	15888	14859	12121	11112	192172	103.1
MELLORINE MIX	3597	3264	2544	2331	2000	1802	31832	101.6
	582	507	441	394	325	281	5329	93.4

1/ PLANT COUNT DOES NOT INCLUDE COUNTER-FREEZERS.

2/ INCLUDES FREEZER-MADE MILKSHAKE. SEE FOOTNOTE 37. 3/ INCLUDES MILKSHAKE MIX.

TABLE 7--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1984

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1983
1,000 POUNDS								
CONDENSED WHEY								
SOLIDS CONTENT 1/								
SWEET TYPE:								
HUMAN FOOD	6873	7105	7077	6966	6048	8497	92836	101.2
ANIMAL FEED	2197	2003	2050	2073	1856	2275	26761	104.4
ACID TYPE:								
HUMAN FOOD								
ANIMAL FEED	978	955	1223	1338	1058	913	10425	54.4
TOTAL COND.	10048	10063	10350	10377	8962	11685	130022	95.3
DRY WHEY:								
HUMAN FOOD	59704	56598	54638	56605	52264	57044	725216	106.6
ANIMAL FEED	14403	15108	14571	15270	13110	15995	172730	81.6
TOTAL DRY	74107	71706	69209	71875	65374	73039	897946	100.6
MODIFIED								
DRY WHEY PRODUCTS								
PART DELACTOSED								
HUMAN FOOD	3482	2646	1718	2405	2400	3022	35443	115.4
ANIMAL FEED	1174	1113	1185	1118	1245	1549	24792	45.1
PART DEMINERALIZE:								
HUMAN FOOD	593	1258	1089	1570	3003	3893	27385	90.5
ANIMAL FEED	10	9	7	7	7	28	149	
WHEY PROTEIN								
CONCENTRATE								
HUMAN FOOD	7414	5827	5915	6039	5661	6337	77399	113.9
ANIMAL FEED	935	1512	1727	2002	1763	1805	18899	103.0
LACTOSE								
HUMAN FOOD	9523	7853	7270	8108	7557	9137	107214	99.5
ANIMAL FEED	942	1047	776	918	808	648	16564	73.5
TOTAL LACTOSE:	10465	8900	8046	9026	8365	9785	123778	95.0
WHEY SOLIDS IN								
WET BLENDS								
HUMAN FOOD	2046	2259	1907	2069	1676	2039	24195	121.4
ANIMAL FEED	8565	8958	8945	10344	9509	9337	111497	107.2

1/ FINAL MARKETABLE PRODUCT ONLY, DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED DRY WHEY PRODUCTS.

TABLE 8--BUTTER  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	18917	15782	16124	15942	16937	15043	13879	15313
IDAHO	1528	967	832	1012	713	728	775	755
IND	2038	2471	2119	1610	1780	808	468	381
IOWA	1369	1272	1455	1397	1534	865	898	506
KANS	1008	726	687	644	949	855	712	613
MAINE	11	8	18	11	12	10	5	7
MICH	5596	5215	5163	4917	4348	2847	2069	2057
MINN	14600	13499	14069	13563	13821	12606	12393	10637
MO	2955	2817	2555	2224	2011	1031	1340	1119
MONT	219	175	167	147	143	79	82	98
NEBR	2394	2047	2413	2359	2797	2678	2647	2355
N Y	6590	5276	4750	4438	4020	2607	1700	1516
N DAK	453	346	361	400	523	426	424	374
OHIO	2566	1739	1901	2355	2117	968	523	690
OKLA								
OREG	1348	1090	1194	1069	1179	1035	887	933
PA	6487	6716	6760	6877	7686	4329	3591	3925
S DAK	571	607	662	577	430	217	125	128
TENN								
UTAH	925	654	542	382	428	369	363	291
WASH	6177	6329	5497	6337	6293	5916	5814	6193
WIS	31612	26559	26573	24717	26900	22008	19125	17384
OTHER 1/	19899	14606	13726	12033	10527	6334	4913	4893
U S	127263	108901	107568	103011	105148	81759	72733	70168

SEE FOOTNOTES ON PAGE 15.

TABLE 9--SWISS CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ILL								
OHIO	3238	3203	3727	3759	4056	4067	4031	3662
PA	467	459	508	521	644	611	549	481
UTAH 2/	2022	1822	1636	1904	1910	1917	1989	1913
WIS	2704	2561	3136	3237	3261	2994	3317	3861
OTHER 1/	8168	7944	8775	8805	8574	8310	8044	8468
U S	16599	15989	17782	18226	18445	17899	17930	18385

SEE FOOTNOTES ON PAGE 15.

TABLE 8--BUTTER  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
CALIF	13245	16495	16515	18021	18	190785	22	192213
IDAHO	468	895	1200	1063	4	18093	4	10936
IND	443	862	831	1733	3	21779	3	15544
IOWA	68	164	334	1182	6	19663	4	11044
KANS	718	750	706	1134	2	18826	2	9502
MAINE	17	15	17	11			4	142
MICH	2319	3657	2447	2933	9	58505	8	43568
MINN	10520	11186	10186	11601	26	177574	25	148681
MO	1303	1579	1420	2004	3	32512	3	22358
MONT	121	201	176	160	8	1907	8	1768
NEBR	2262	2505	2387	2260	3	29742	3	29104
N Y	1474	2448	1596	2586	21	50038	18	39001
N DAK	304	381	420	481	7	5005	7	4893
OHIO	806	1047	928	1128	7	33271	6	16768
OKLA					3	13648		
OREG	1128	1159	1210	1079	9	15126	9	13311
PA	3662	3873	3939	5307	13	72276	13	63152
S DAK	110	149	100	106	5	8337	5	3782
TENN					3	28463		
UTAH	515	618	646	636	7	7616	6	6369
WASH	5498	5667	5563	5608	7	64695	6	70892
WIS	16158	19953	19155	22858	26	304672	25	273002
OTHER 1/	6342	10830	9999	13184	32	126714	32	127286
U S	67481	84434	79775	95075	222	1299247	213	1103316

TABLE 9--SWISS CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
ILL					8	45799		
OHIO	3348	3815	3456	3708	16	40526	16	44070
PA	443	471	403	438	6	6748	6	5995
UTAH 2/	1838	1361	1941	2202	2	25581	2	22455
WIS	2768	3398	3150	3147	21	36138	21	37534
OTHER 1/	7875	7545	7577	7819	9	54675	17	97904
U S	16272	16590	16527	17314	62	209467	62	207958

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ DATA FOR LESS THAN 3 PLANTS PUBLISHED BY PERMISSION OF THE FIRMS INVOLVED.

TABLE 10--TOTAL CHEESE, EXCLUDING COTTAGE CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ARK	1098	1667	2215	2205	2576	2058	1815	1686
CALIF	23411	22311	24287	24934	27543	27005	25447	26699
CONN	453	460	492	500	398	377	344	446
IDAHO	10099	9648	10344	10038	11478	11419	11629	11466
ILL	7706	7388	8316	8809	9472	8990	8897	8549
IND	4303	4119	3916	5112	4956	4080	3687	3352
IOWA	17125	16380	18784	17958	19150	18692	18519	17629
KANS	2911	2567	2704	2956	3682	2852	2283	2298
KY	3266	3188	3450	4140	4304	3558	3514	3211
MASS								
MICH	2956	2794	3041	3129	3555	3663	3369	3363
MINN	49369	47215	52353	51972	54364	48050	41127	40173
MISS	757	1068	1453	1701	1357	827	610	447
MO	10146	9008	11033	11187	11925	10851	9054	10168
NEBR	6433	5690	6140	6082	6386	5861	5887	6010
N J	3601	3566	3389	3753	3510	3315	3835	3539
N Y	34165	32117	37382	36603	36200	34870	31337	33197
N DAK	4254	3932	4506	4764	5220	5227	5101	4160
OHIO	7835	7484	8421	8633	9306	9541	8583	7330
OREG	2203	2089	2392	2654	2917	2849	2781	2669
PA	11386	11474	12386	12761	12849	12592	12193	11575
S DAK	10727	10176	11210	10586	11419	11291	10437	9568
TENN	2281	2117	2360	2697	2524	1961	1794	1700
UTAH	5952	5761	6461	6732	7829	7545	7084	6860
VT	7620	7415	8068	7750	8830	8635	7416	7239
VA	649	659	743	701	766	567	399	440
WASH	4618	4267	4053	4094	4591	4614	4910	3880
WIS	138468	132734	152538	146218	155573	155362	140196	138000
OTHER 1/	8268	8694	9833	11248	10222	8741	7668	5574
U S	382060	365988	412270	409917	432902	415393	379916	371228

SEE FOOTNOTES ON PAGE 17.

TABLE 11--BRICK CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
VA							59	
WIS	843	809	933	863	869	823	963	920
OTHER 1/	537	453	352	378	445	311	370	362
U S	1380	1262	1285	1241	1314	1134	1392	1282

SEE FOOTNOTES ON PAGE 17.

TABLE 10--TOTAL CHEESE, EXCLUDING COTTAGE CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS	1983 PRODUCTION	1984 PLANTS	1984 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ARK	1144	1137	1139	1663	4	29706	4	20403
CALIF	23428	27072	26504	26194	36	282256	38	304835
CONN	379	269	408	438			7	4964
IDAHO	11562	11695	11290	11193	14	136402	14	131861
ILL	7689	8163	8291	8431	22	103987	23	100701
IND	2931	3199	3114	3333	6	64630	6	46102
IOWA	18193	18921	18628	18522	14	220497	13	218501
KANS	1844	1681	2072	2819	8	37626	9	30669
KY	2952	2814	3181	3886	9	54977	8	41464
MASS					9	12643		
MICH	3280	3644	3561	3967	13	37836	13	40322
MINN	40687	43027	43872	48649	25	587544	25	560858
MISS	259	364	613	1123	4	13047	4	10579
MO	10518	12695	13042	14021	16	138322	15	133648
NEBR	5209	6009	5665	6090	11	78908	11	71462
N J	3281	4308	1957	4009	8	47803	7	42063
N Y	32853	38131	37276	39355	44	398271	43	423486
N DAK	3650	3673	3796	4135	8	55553	8	52418
OHIO	7076	7584	7408	8231	21	98230	16	97432
OREG	2477	2453	2309	2448	4	31195	5	30241
PA	11921	12790	12111	13403	22	147463	23	147441
S DAK	9496	10334	10301	10381	18	116795	17	125926
TENN	1622	1546	1567	1656	7	34163	5	23825
UTAH	6230	5113	5906	5193	11	88359	11	76666
VT	7131	7554	7015	8035	12	94363	12	92708
VA	71			307	2	7224	1	5302
WASH	2931	3090	3000	3157	7	60011	7	47205
WIS	134847	138792	128478	136944	306	1728332	296	1698150
OTHER 1/	4189	5061	6355	8699	35	113328	37	94552
U S	357850	381119	368859	396282	696	4819471	678	4673784

TABLE 11--BRICK CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS	1983 PRODUCTION	1984 PLANTS	1984 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
VA							1	59
WIS	869	933	959	1009	28	8820	30	10793
OTHER 1/	452	469	410	641	13	5337	13	5180
U S	1321	1402	1369	1650	41	14157	44	16032

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 12--TOTAL AMERICAN TYPE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	8216	9637	10246	10925	10969	11139	8044	8306
IDAHO	8253	7485	7818	7604	8953	9353	9263	9495
IND	4191	4014	3797	5004	4828	3956	3570	3243
IOWA	8678	8247	9105	8496	9967	9532	9244	9039
KANS	2402	2040	2136	2404	3129	2428	1811	1740
KY	1919	1785	2062	2739	2777	2296	2064	1832
MICH	1353	1095	1078	1221	1272	1313	1484	1181
MINN	44345	41269	46792	46317	48669	42890	35738	35069
MISS	740	1051	1436	1684	1340	810	593	430
MO	4887	4629	5229	5418	6680	5396	4597	4190
NEBR	1776	1469	1680	1784	2064	1960	2060	1985
N Y	6676	6767	6931	6569	7451	7386	6510	6062
N DAK	4254	3932	4506	4764	5220	5227	5101	4160
OHIO	3084	2795	3219	3349	3842	4192	3283	2263
OREG	2188	2062	2376	2634	2903	2833	2763	2655
S DAK	8106	7856	8549	8078	8614	8525	7663	6993
TENN	1146	972	985	1125	1332	1212	896	918
UTAH	3914	3930	4792	4764	5776	5442	4977	4775
VT	2529	2321	2372	2405	2601	2740	1875	1594
VA	598	590	640	587	644	495	238	398
WASH	3113	2829	2331	2496	2962	2947	3428	2417
WIS	90738	87511	98452	96760	103610	101930	89236	84781
OTHER 2/	13483	14200	15930	17281	18207	15946	14351	11086
U S	226589	218486	242462	244408	263810	249948	218789	204612

SEE FOOTNOTES ON PAGE 19.

TABLE 13--MUNSTER CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ILL	569	539	661	633	736	670	655	626
WIS	4809	4344	4866	4908	4977	5120	4933	5242
OTHER 2/	655	662	703	822	742	724	613	793
U S	6033	5545	6230	6363	6455	6514	6201	6661

SEE FOOTNOTES ON PAGE 19.

TABLE 12--TOTAL AMERICAN TYPE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	7481	8218	7810	8018	20	109815	22	109009
IDAHO	9066	8618	8410	8540	14	107266	14	102858
IND	2823	3099	3021	3221	5	61178	6	44767
IOWA	8188	8252	7921	8827	11	107127	11	105496
KANS	1415	1109	1535	2222	6	32117	7	24371
KY	1708	1565	1477	2192	7	37993	6	24416
MICH	1131	1186	1420	1789	7	21237	7	15523
MINN	34921	37456	38522	42976	19	529203	19	494964
MISS	242	347	596	1106	4	12843	4	10375
MO	3507	3826	3537	4877	11	71265	11	56773
NEBR	1483	1433	1415	1476	5	23695	6	20585
N Y	5278	5314	4922	6262	14	83670	16	76128
N DAK	3650	3673	3796	4135	8	55553	8	52418
OHIO	2279	2196	2399	3020	8	40983	7	35921
OREG	2457	2438	2289	2430	4	30966	5	30028
S DAK	7132	7387	6978	7367	16	84904	15	93248
TENN	606	541	450	430	7	21696	5	10613
UTAH	4209	3581	3845	2796	11	62596	11	52801
VT	1521	1753	1859	2251	8	28612	8	25821
VA	51			251	1	3075	1	4492
WASH	1422	1426	1216	1500	5	42221	4	28087
WIS	77814	79886	73755	79243	229	1158909	214	1063716
OTHER 2/	9045	11307	9886	15118	36	200792	41	165840
U S	187429	194611	187059	210047	456	2927716	448	2648250

TABLE 13--MUNSTER CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ILL	618	688	582	630	5	7876	5	7607
WIS	5123	5464	4694	5098	41	52754	41	59578
OTHER 2/	849	797	686	815	10	8969	10	8861
U S	6590	6949	5962	6543	56	69599	56	76046

1/ INCLUDES CHEDDAR, COLBY, WASHED CURD, STIRRED CURD, MONTEREY AND JACK.

2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 14--CHEDDAR CHEESE  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	5925	7123	7348	8596	7901	9037	5620	5616
IDAHO	4582	4207	4781	4039	5614	5723	5560	5802
KANS	2347	1965	2069	2346	3048	2383	1765	1690
KY	1331	1224	1424	2036	1911	1590	1412	1147
MINN	33444	31344	35298	35109	37821	32766	26089	26711
MISS	740	1051	1436	1684	1340	810	593	430
N Y	6271	6350	6537	6031	7039	6994	5938	5572
N DAK	4251	3932	4506	4764	5220	5224	5101	4160
OHIO	459	385	421	380	539	602	454	419
S DAK	7490	7203	7913	7383	7870	7803	7001	6197
UTAH	3364	3553	4097	4099	5020	4570	4190	3938
VA	598	590	640	550	521	363	210	373
WASH	2234	2157	1650	1921	2139	2187	2673	1812
WIS	75471	72858	81280	80426	86379	85630	73743	70559
OTHER 1/	32729	31644	34924	37127	41689	37880	33803	27659
U S	181236	175586	194324	196491	214051	203562	174152	162085

TABLE 15--BLUE CHEESE 2/  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
WIS	1549	1297	1343	1578	1694	1741	1713	1674
OTHER 1/	1256	1222	1367	1413	1578	1348	1402	1333
U S	2805	2519	2710	2991	3272	3089	3115	3007

SEE FOOTNOTES ON PAGE 21.

TABLE 14--CHEDDAR CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983	1984	1983	1984
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	5054	5357	5264	5545	17	84748	17	78386
IDAHO	5300	5012	5271	5410	13	60493	13	61301
KANS	1361	1034	1455	2101	6	31900	7	23564
KY	1004	871	1003	1531	6	26818	5	16484
MINN	26648	28754	29615	33037	15	405440	15	376636
MISS	242	347	596	1106	4	12843	4	10375
N Y	4767	4842	4487	5818	13	78542	12	70646
N DAK	3650	3670	3796	4135	8	55544	8	52409
OHIO	364	190	259	538	3	5501	3	5010
S DAK	6419	6774	6352	6765	15	75558	14	85170
UTAH	3452	2742	3124	2422	11	58649	11	44571
VA	51			251	1	3075	1	4147
WASH	1072	1012	889	1200			4	20946
WIS	63583	62718	58394	63959	189	951219	181	875000
OTHER 1/	24963	27275	25144	33352	82	501030	79	388189
U S	147930	150598	145649	167170	383	2351360	374	2112834

TABLE 15--BLUE CHEESE 2/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983	1984	1983	1984
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
WIS	1677	1425	1385	1468	3	17113	6	18544
OTHER 1/	1147	1166	1166	1173	6	14383	6	15571
U S	2824	2591	2551	2641	9	31496	12	34115

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ INCLUDES GORGONZOLA.

TABLE 16--OTHER AMERICAN VARIETIES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	2291	2514	2898	2329	3068	2102	2424	2690
IDAHO	3671	3278	3037	3565	3339	3630	3703	3693
IND	1708	1563	1452	2010	1711	1755	1898	1833
KY	588	561	638	703	866	706	652	685
MINN	10901	9925	11494	11208	10848	10124	9649	8358
N Y	405	417	394	538	412	392	572	490
OHIO	2625	2410	2798	2969	3303	3590	2829	1844
S DAK	616	653	636	695	744	722	662	796
UTAH	550	377	695	665	756	872	787	837
VA				37	123	132	28	25
WIS	15267	14653	17172	16334	17231	16300	15493	14222
OTHER 2/	6731	6549	6924	6864	7358	6061	5940	7054
U S	45353	42900	48138	47917	49759	46386	44637	42527

TABLE 17--CREAM CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	578	728	924	850	811	816	901	809
N Y	5983	4802	6150	6274	6431	6373	5726	6233
OTHER 2/	11407	9912	14247	13677	13031	13285	11685	12594
U S	17968	15442	21321	20801	20273	20474	18312	19636

SEE FOOTNOTES ON PAGE 23.

TABLE 16--OTHER AMERICAN VARIETIES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	2427	2861	2546	2473	18	25067	20	30623
IDAHO	3766	3606	3139	3130	11	46773	10	41557
IND	1811	2153	1922	1977			4	21793
KY	704	694	474	661	4	11175	3	7932
MINN	8273	8702	8907	9939	5	123763	5	118328
N Y	511	472	435	444	7	5128	9	5482
OHIO	1915	2006	2140	2482	7	35482	7	30911
S DAK	713	613	626	602	8	9346	6	8078
UTAH	757	839	721	374	5	3947	4	8230
VA							1	345
WIS	14231	17168	15361	15284	106	207690	102	188716
OTHER 2/	4391	4899	5139	5511	52	107985	54	73421
U S	39499	44013	41410	42877	223	576356	225	535416

TABLE 17--CREAM CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	835	1452	1654	1081	4	11183	4	11439
N Y	5522	8682	9743	8514	5	80269	4	80433
OTHER 2/	17641	20441	22299	20368	14	174523	15	180587
U S	23998	30575	33696	29963	23	265975	23	272459

1/ INCLUDES COLBY, WASHED CURD, STIRRED CURD, MONTEREY AND JACK. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 18--ITALIAN CHEESE, TOTAL  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	13421	10655	11786	11721	14268	13707	14997	16085
ILL	2596	2372	2830	2936	2978	2718	2792	2841
NEBR	4657	4221	4460	4298	4322	3901	3826	4025
N Y	19615	18774	22450	21789	20388	19337	17338	19040
PA	5933	5779	6234	6731	6423	6451	6424	6602
VA								
WASH	1505	1438	1722	1598	1629	1667	1482	1463
WIS	32641	32466	38757	34620	36965	37522	35468	36197
OTHER 1/	22440	22815	24151	24471	24369	22995	23447	22690
U S	102808	98520	112390	108164	111342	108298	105774	108943

TABLE 19--MOZZARELLA AND SIMILARS  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	12382	9595	10676	10680	13404	12763	14062	14975
ILL	1463	1408	1521	1731	1823	1603	1661	1699
NEBR	4353	3926	4015	3853	3878	3488	3370	3587
N Y	12587	12337	13876	13913	13799	13119	10581	11657
PA	3695	3483	3644	3940	3988	4151	4153	4050
VA								
WASH	1443	1382	1663	1553	1596	1632	1444	1412
WIS	24405	24108	28938	25294	27145	26709	25291	27235
OTHER 1/	15804	15325	16826	16088	16636	15270	15434	15497
U S	76132	71564	81159	77052	82269	78735	75996	80112

SEE FOOTNOTES ON PAGE 25.

TABLE 18--ITALIAN CHEESE, TOTAL  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
CALIF	13745	15970	15467	15682	13	144339	15	167504
ILL	2692	2955	2627	2719	8	30973	9	33056
NEBR	3726	4576	4250	4614	6	55212	7	50876
N Y	20116	22164	20912	22512	24	213039	23	244435
PA	6327	6439	6198	7020	13	74272	13	76561
VA					1	3657		
WASH	1509	1664	1784	1657			3	19118
WIS	38776	40502	37373	39876	59	388664	57	441163
OTHER 1/	23854	25040	24394	25437	55	290048	55	286103
U S	110745	119310	113005	119517	179	1200204	182	1318816

TABLE 19--MOZZARELLA AND SIMILARS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
CALIF	12633	14539	14132	14371	12	133289	13	154212
ILL	1508	1755	1471	1532	8	16765	8	19175
NEBR	3356	4185	4075	4164	6	50463	7	46250
N Y	12256	12547	11887	10874	15	138210	16	149433
PA	3880	3498	3557	4129	10	45427	10	46168
VA					1	3657		
WASH	1483	1609	1742	1585			3	18544
WIS	29336	29861	27403	29599	45	277005	45	325324
OTHER 1/	16430	17137	16295	17025	44	196776	44	193767
U S	80882	85131	80562	83279	141	861592	146	952873

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 20--OTHER ITALIAN TYPES  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	1039	1060	1110	1041	864	944	935	1110
ILL	1133	964	1309	1205	1155	1115	1131	1142
NEBR	304	295	445	445	444	413	456	438
N Y	7028	6437	8574	7876	6589	6218	6757	7383
PA	2238	2296	2590	2791	2435	2300	2271	2552
WIS	8236	8358	9819	9326	9820	10813	10177	8962
OTHER 1/	6698	7546	7384	8428	7766	7760	8051	7244
U S	26676	26956	31231	31112	29073	29563	29778	28831

SEE FOOTNOTES ON PAGE 27.

TABLE 21--ITALIAN CHEESE PRODUCTION IN THE UNITED STATES, 1983 AND 1984

TYPES	1983	1984	1984	
			AS % OF	1983
	1,000 POUNDS		PERCENT	
HARD:				
PROVOLONE AND SIMILARS	114,909	126,680	110	
ROMANO AND SIMILARS	20,941	18,683	89	
PARMESAN AND SIMILARS	67,684	74,823	111	
OTHER HARD	5,044	5,499	109	
TOTAL HARD	208,578	225,685	108	
SOFT:				
MOZZARELLA AND SIMILARS	861,592	952,873	111	
RICOTTA AND SIMILARS	125,735	136,237	108	
OTHER SOFT	4,299	4,021	94	
TOTAL SOFT	991,626	1,093,131	110	
TOTAL HARD AND SOFT	1,200,204	1,318,816	110	

B. BY REGIONS

REGION	HARD TYPES		SOFT TYPES		TOTAL (HARD AND SOFT)	
	1983	1984	1983	1984	1983	1984
		1,000 POUNDS				
NORTH AND SOUTH ATLANTIC	36,087	44,199	334,353	347,153	370,440	391,352
EAST NORTH CENTRAL	115,647	117,088	326,558	388,505	442,205	505,593
WEST NORTH CENTRAL	50,131	56,694	133,592	134,492	183,723	191,186
SOUTH CENTRAL	2,945	3,495	23,587	20,824	26,532	24,319
WEST	3,768	4,209	173,536	202,157	177,304	206,366
U S	208,578	225,685	991,626	1,093,131	1,200,204	1,318,816

TABLE 20--OTHER ITALIAN TYPES  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	NUMBER 1,000 LBS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	1112	1431	1335	1311	6	11050	10	13292
ILL	1184	1200	1156	1187	5	14208	6	13881
NEBR	370	391	175	450	5	4749	6	4626
N Y	7860	9617	9025	11638	20	74829	21	95002
PA	2447	2941	2641	2891	13	28845	13	30393
WIS	9440	10641	9970	10277	34	111659	32	115839
OTHER 1/	7450	7958	8141	8484	37	93272	35	92910
U S	29863	34179	32443	36238	120	338612	123	365943

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 22--CHEESE, PROCESSED CHEESE FOODS AND SPREADS, AND  
COLD PACK: PRODUCTION, UNITED STATES, 1977-84 1/ 2/

YEAR	PROCESSED CHEESE		PROCESSED CHEESE FOODS & SPREADS		COLD PACK CHEESE AND CHEESE FOODS		TOTAL	
	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	NUMBER	1,000 LBS	NUMBER	1,000 LBS	NUMBER	1,000 LBS	NUMBER	1,000 LBS
1977	36	866,556	31	671,340	27	40,991	60	1,578,897
1978	33	845,273	31	669,965	26	48,004	58	1,563,242
1979	35	834,693	36	656,932	25	44,468	64	1,536,093
1980	38	1,009,164	37	652,807	27	51,719	62	1,713,690
1981	38	1,001,055	34	671,494	22	51,018	61	1,723,567
1982	38	938,967	39	697,954	27	66,022	63	1,702,943
1983	39	1,158,211	37	667,296	29	111,276	60	1,936,783
1984	34	1,125,941	41	697,187	27	82,048	64	1,905,176

1/ PROCESSED CHEESE IS MADE BY PASTEURIZING, EMULSIFYING, AND BLENDING NATURAL CHEESE AND CONTAINS NO OTHER INGREDIENTS. PROCESSED CHEESE FOODS, SPREADS, AND COLD PACK CONTAIN ADDITIONAL INGREDIENTS SUCH AS NONFAT MILK SOLIDS, AND CONDIMENTS, ETC. 2/ EXCLUDES SPREADS MADE FROM NEUFCHATEL AND CREAM CHEESE.

TABLE 23--ALL OTHER TYPES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	1196	1291	1331	1432	1495	1343	1505	1499
ILL	434	404	446	414	392	503	548	540
MISS								
N Y	573	668	714	698	564	601	674	646
VA	51	69	103	114	122	72	102	42
WIS	1708	1442	1661	1081	1321	1537	1816	2287
OTHER 2/	3185	3757	3151	3342	3408	3226	3169	3104
U S	7147	7631	7406	7081	7302	7282	7814	8118

TABLE 24--LOWFAT COTTAGE CHEESE 3/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	99	91	97	102	115	102	87	89
CALIF	4075	4168	4543	4572	4682	4810	5223	5188
COLO	586	529	622	571	623	610	637	635
IDAHO	76	75	101	152	271	143	145	145
ILL	263	288	307	304	335	334	325	354
IND	90	115	127	140	146	152	133	131
IOWA	362	354	428	357	368	357	353	353
KANS	217	208	215	262	242	219	186	212
KY	265	230	260	254	255	295	252	291
MICH	280	234	205	173	219	252	244	437
MO	663	685	751	693	652	596	700	668
N Y	3279	3436	3691	3579	4028	4331	3950	4119
N DAK	352	283	313	300	297	270	291	291
OHIO	806	1135	1297	1343	1032	820	525	1055
OKLA	176	189	204	230	203	222	218	193
OREG	134	130	151	158	159	163	183	185
PA	1620	1850	1736	1968	2074	2034	1666	1823
TENN	159	162	167	189	189	191	200	191
TEX	393	447	513	651	545	515	534	532
WASH	583	646	750	736	708	634	344	739
WIS	542	548	596	603	672	634	584	628
OTHER 2/	2486	2545	2811	2875	2735	2881	2703	2784
U S	17506	18348	19885	20212	20550	20565	19483	21043

SEE FOOTNOTES ON PAGE 29.

TABLE 23--ALL OTHER TYPES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983	1984		
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	1369	1436	1573	1413	17	15914	19	16883
ILL	470	559	610	575			8	5895
MISS					1	204		
N Y	620	751	680	796	11	7587	11	7985
VA	20			56	2	492	1	751
WIS	2434	2382	2066	1614	22	22401	18	21349
OTHER 2/	3145	3235	3145	3435	32	43974	29	39302
U S	8058	8363	8074	7889	85	90572	86	92165

TABLE 24--LOWFAT COTTAGE CHEESE 3/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983	1984		
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	102	83	71	48	3	1246	3	1086
CALIF	4815	4771	3994	3993	10	50018	10	54834
COLO	502	579	502	511	3	6663	4	6907
IDAHO	122	131	121	112	2	974	2	1594
ILL	277	309	280	238	5	3611	5	3614
IND	128	124	101	120			5	1507
IOWA	317	345	325	266	4	4166	4	4185
KANS	180	199	159	153	5	2606	5	2452
KY	236	259	211	217			3	3025
MICH	317	394	367	254	5	1664	6	3376
MO	583	636	611	498	5	5875	5	7736
N Y	3028	3487	2827	2838	9	40055	9	42593
N DAK	265	314	262	244	1	3158	1	3482
OHIO	998	1045	903	697	14	13152	17	11656
OKLA	217	190	178	165	4	2346	4	2385
OREG	160	184	180	190	10	1376	10	1977
PA	1786	1619	1632	1234	9	19563	8	21042
TENN	271	355	182	157	4	1447	4	2413
TEX	456	485	443	385	7	5237	6	5899
WASH	625	667	637	583	6	7776	6	7652
WIS	564	623	516	468	6	6153	6	6978
OTHER 2/	2434	2470	2298	2164	35	38855	29	31186
U S	18383	19269	16800	15535	147	215941	152	227579

1/ INCLUDES FULL-SKIM TYPE CHEESE BEGINNING 1974. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 3/ MILKFAT CONTENT LESS THAN 4.0 PERCENT.

TABLE 25--CREAMED COTTAGE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	193	205	230	232	206	229	188	190
ARIZ								
CALIF	6995	6710	7222	7140	7355	7250	8225	7683
COLO	1016	1016	1152	1117	1128	1087	1213	1194
IDAHO	233	240	283	280	388	264	282	265
ILL	4052	3789	4140	4038	4379	4055	4157	4486
IND	2327	2378	2893	2706	2809	2864	2721	2823
IOWA	1248	1145	1353	1241	1256	1277	1276	1268
KANS	1276	1283	1346	1313	1349	1141	1106	1215
KY	1681	1742	2074	1773	2037	1978	1850	2036
MD 3/								
MICH	2883	2843	2209	1907	2146	2247	2263	3103
MO	2385	2466	2588	2658	2594	2252	2646	2602
MONT	558	521	561	526	603	551	614	605
NEBR	350	331	383	372	502	510	528	526
N MEX								
N Y	8745	9029	9706	9637	9492	10440	9678	9359
N C	446	484	542	520	490	560	463	551
N DAK	258	222	239	226	239	216	222	218
OHIO	2907	3449	3355	3393	4181	3456	3231	3683
OKLA	796	779	835	904	810	908	877	827
OREG	1099	1041	1240	1152	1113	1188	1163	1016
PA	3352	3589	3692	3397	3589	3356	3203	3135
TENN	712	737	766	761	817	836	803	854
TEX	1521	1516	1701	1688	1908	1822	1792	1857
UTAH	485	488	564	536	544	537	538	544
VA	1109	1135	1091	1189	1219	1146	1235	1215
WASH	1961	2101	2074	2045	2255	2026	2047	2184
WIS	3539	3725	4126	3763	3926	4027	3956	3867
OTHER 2/	7264	7676	8411	7945	8071	8131	8171	8355
U S	59391	60640	64776	62459	65406	64354	64448	65661

SEE FOOTNOTES ON PAGE 31.

TABLE 25--CREAMED COTTAGE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983	1984		
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	163	197	175	152	4	2036	4	2360
ARIZ					3	11981		
CALIF	7518	7454	6407	6253	12	83290	13	86212
COLO	956	1076	1034	880	4	13902	4	12869
IDAHO	232	242	211	204	3	3051	3	3124
ILL	3687	3975	3679	3224	8	48336	8	47661
IND	2409	2534	2411	2155	10	29950	10	31030
IOWA	1168	1199	1171	954	5	16765	5	14556
KANS	1041	1073	954	883	7	17319	6	13980
KY	1733	1824	1696	1471	3	19007	3	21895
MD 3/					3	10755		
MICH	2596	2902	2923	2790	7	40114	7	30812
MO	2102	2330	2094	1956	5	25812	5	28673
MONT	499	555	463	455	8	6155	8	6511
NEBR	476	524	503	454	3	4443	4	5459
N MEX					3	8811		
N Y	9108	8272	7845	7070	15	101216	14	108381
N C	405	446	393	368	4	2645	4	5668
N DAK	191	223	187	186	1	3012	1	2627
OHIO	3204	3461	3266	2734	19	48300	19	40320
OKLA	874	801	744	723	7	9959	7	9878
OREG	1030	1231	1013	920	13	12853	13	13206
PA	2776	2992	2938	2400	14	43357	14	38419
TENN	687	773	817	734	6	9173	6	9297
TEX	1637	1669	1568	1365	12	22377	11	20044
UTAH	452	512	499	443	4	6060	4	6142
VA	1130	1453	954	851	4	12702	4	13727
WASH	1844	2050	1986	1787	10	25951	9	24360
WIS	3508	3630	3352	3046	8	40320	8	44465
OTHER 2/	7118	7636	6930	6628	33	62854	39	92336
U S	58544	61034	56213	51086	238	742506	233	734012

1/ MILKFAT CONTENT 4.0 PERCENT OR MORE. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 3/ INCLUDES DISTRICT OF COLUMBIA.

TABLE 26--COTTAGE CHEESE CURD 1/  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	152	150	167	167	164	164	144	144
CALIF	6884	6773	7387	7260	7563	7827	8734	8536
COLO	983	964	1109	1054	1093	1024	1144	1108
IDAHO	174	178	216	151	142	143	130	138
ILL	1998	1899	2177	2079	2125	2166	2052	2190
IND	1380	1406	1662	1597	1667	1699	1608	1611
IOWA	981	926	1048	970	984	950	1070	948
KANS	859	844	887	871	899	769	741	808
KY	1947	1742	2136	1788	1879	1882	2029	1635
MD 3/								
MICH	1943	1845	1396	1373	1398	1665	1613	2056
MO	1776	1836	1840	1857	1808	1692	1856	1837
MONT	349	332	358	331	395	353	405	399
NEBR	239	219	259	365	366	347	375	357
N MEX								
N Y	8161	8802	9075	8964	9638	10078	9072	9111
N C	262	280	316	310	291	325	273	306
N DAK	323	294	332	285	311	292	280	313
OHIO	2056	2220	2201	2023	2378	1660	1589	2202
OKLA	547	541	589	638	562	653	602	565
OREG	716	770	819	892	886	768	746	745
PA	2903	3835	3813	3800	3413	3929	3544	3356
TENN	532	544	577	563	598	602	593	621
TEX	1255	1315	1472	1459	1445	1357	1340	1377
UTAH	459	455	515	522	517	460	505	506
VA	759	867	860	915	939	878	923	958
WASH	1484	1578	1653	1623	1673	1491	1612	1725
WIS	2439	2594	2843	2620	2769	2776	2673	2794
OTHER 2/	6810	7047	7458	7056	7342	7311	7055	7341
U S	48371	50256	53165	51533	53245	53261	52708	53687

SEE FOOTNOTES ON PAGE 33.

TABLE 26--COTTAGE CHEESE CURD 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	137	144	128	108	4	1904	4	1769
CALIF	8197	8018	6721	6783	11	84345	11	90683
COLO	911	1025	964	848	4	12500	4	12227
IDAHO	124	131	112	112	3	2283	3	1751
ILL	1949	2089	1843	1609	8	29576	7	24176
IND	1443	1532	1430	1360	10	17610	10	18395
IOWA	879	939	897	750	5	12766	5	11342
KANS	718	745	665	614	7	11525	6	9420
KY	1665	1612	1694	1302	4	18463	4	21311
MD 3/					4	10104		
MICH	1677	1902	1924	1748	6	24156	6	20540
MO	1548	1747	1566	1417	5	18924	5	20780
MONT	330	365	308	302	8	3896	8	4227
NEBR	337	365	339	317	3	2949	4	3885
N MEX					3	5568		
N Y	8333	8105	7226	6800	16	96766	14	103365
N C	224	276	220	217	4	2780	4	3300
N DAK	271	303	277	251	1	3621	1	3532
OHIO	2002	2140	1934	1563	18	37374	18	23968
OKLA	613	565	512	508	7	6860	7	6895
OREG	662	804	698	635	13	8329	13	9141
PA	3309	3565	3325	2742	14	43974	13	41534
TENN	568	666	587	519	6	6768	6	6970
TEX	1205	1250	1171	1020	12	16266	11	15666
UTAH	402	465	456	389	4	5412	4	5651
VA	859	1043	792	695	4	9822	4	10488
WASH	1477	1621	1578	1420	10	19746	9	18935
WIS	2530	2623	2412	2163	9	28245	9	31236
OTHER 2/	6314	6679	6095	5800	38	75630	42	82308
U S	48684	50719	45874	41992	241	618162	232	603495

1/ MOSTLY USED FOR PROCESSING INTO FULLY CREAMED OR LOWFAT COTTAGE CHEESE, COTTAGE CHEESE CURD AND CREAMED AND LOWFAT COTTAGE CHEESE SHOULD NOT BE ADDED TOGETHER TO OBTAIN TOTAL PRODUCTION. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 27--CONDENSED MILK, BULK PRODUCTS  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
SWEETENED CONDENSED WHOLE MILK: 1,000 POUNDS								
WIS	5137	4777	5560	4572	4580	4495	4381	5193
OTHER 1/	1546	1192	1790	1904	2123	1658	1519	1420
U S	6683	5969	7350	6476	6703	6153	5900	6613
SWEETENED CONDENSED SKIM MILK :								
WIS	3807	3374	3737	3187	3628	3521	2673	4133
OTHER 1/	958	942	1027	632	762	707	619	628
U S	4765	4316	4764	3819	4390	4228	3292	4761
UNSWEETENED CONDENSED WHOLE MILK:								
N Y	1652	2254	2082	2137	2136	2896	2863	2341
PA	2228	2573	2892	2273	2594	2859	3690	3708
WIS	5060	9408	12164	8358	5741	5634	6881	8960
OTHER 1/	5525	5298	6668	6760	7352	7401	6899	5732
U S	14465	19533	23806	19528	17823	18790	20333	20741
UNSWEETENED CONDENSED SKIM MILK :								
CALIF	12513	12872	14543	17037	14813	14328	16597	16355
IND	3128	5256	5602	6443	7497	9728	8520	8830
MICH	3567	4863	4620	5599	5297	5425	4230	4411
N Y	5591	5437	5953	6174	7891	7058	4897	4699
OHIO	3062	2665	4372	5364	5136	6417	6252	4793
PA	7520	4214	4364	4423	5005	5096	4508	4611
WIS	3500	8884	10825	9881	8180	8320	8693	8626
OTHER 1/	15401	17321	17285	19421	20480	17673	19037	12993
U S	54282	61512	67564	74342	74299	74045	72734	65318

SEE FOOTNOTES ON PAGE 35.

TABLE 27--CONDENSED MILK, BULK PRODUCTS  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS	1983 PRODUCTION	1984 PLANTS	1984 PRODUCTION
SWEETENED CONDENSED WHOLE MILK:								
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
WIS	5958	5844	5105	3973	4	53087	4	59575
OTHER 1/	1379	802	1390	1682	5	21617	4	18405
U S	7337	6646	6495	5655	9	74704	8	77980
SWEETENED CONDENSED SKIM MILK:								
WIS	4380	3690	3060	2644	4	42345	5	41834
OTHER 1/	947	923	625	739	4	9049	4	9509
U S	5327	4613	3685	3383	8	51394	9	51343
UNSWEETENED CONDENSED WHOLE MILK:								
N Y	3555	4060	3073	2968	8	45120	6	32017
PA	2905	2575	2808	2707	6	35664	5	33812
WIS	6949	6272	5678	5056	4	65915	3	86161
OTHER 1/	6024	5725	5803	5177	9	46649	12	74364
U S	19433	18632	17362	15908	27	193348	26	226354
UNSWEETENED CONDENSED SKIM MILK:								
CALIF	13497	14811	14304	13123	11	163817	14	174793
IND	7488	7208	5031	5401			4	80132
MICH	6531	6281	5117	4998	4	73604	4	60939
N Y	4960	5324	4558	4729	11	64163	12	67271
OHIO	5882	5475	5529	3167	5	53576	6	58114
PA	4745	8334	4486	4047	4	47886	3	61353
WIS	7898	7353	6859	5821	12	44695	11	94840
OTHER 1/	15588	19302	17057	14641	32	216368	27	206199
U S	66589	74088	62941	55927	79	664109	81	803641

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 28--EVAPORATED AND CONDENSED WHOLE MILK, CASE GOODS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
OHIO	7822	6699	6444	5842	7433	5178	5012	5821
OTHER 1/	44639	41443	47798	50491	55368	49363	47879	48952
U S	52461	48142	54242	56333	62801	54541	52891	54773

SEE FOOTNOTES ON PAGE 37.

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
SWEET-TYPE, HUMAN								
MINN								
WIS	3671	4089	3992	2318	1989	1909	1941	2360
OTHER 1/	5087	4866	5847	5409	5620	5473	4932	4745
U S	8758	8955	9839	7727	7609	7382	6873	7105
	1,000 POUNDS							
TOTAL CONDENSED 3/								
MINN								
N Y	4192	3641	3791	3849	3969	3851	3665	3426
WIS	3838	4148	3992	2500	1989	1976	1941	2437
OTHER 1/	4257	3718	4707	4732	4691	4696	4442	4200
U S	12287	11507	12490	11081	10649	10523	10048	10063

SEE FOOTNOTES ON PAGE 37.

TABLE 28--EVAPORATED AND CONDENSED WHOLE MILK, CASE GOODS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
OHIO	4864	7234	6131	6162	3	99379	3	74642
OTHER 1/	47405	47544	45029	47110	14	594806	12	573021
U S	52269	54778	51160	53272	17	694185	15	647663

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
MINN					5	11262		
WIS	2513	2284	1921	3338	4	32783	5	32325
OTHER 1/	4564	4682	4127	5159	10	47651	10	60511
U S	7077	6966	6048	8497	19	91696	15	92836
TOTAL CONDENSED 3/								
MINN					5	11262		
N Y	3988	3741	3527	4124	9	55929	7	45764
WIS	2672	2701	1921	3338	4	32783	6	33453
OTHER 1/	3690	3935	3514	4223	10	36530	11	50805
U S	10350	10377	8962	11685	28	136504	24	130022

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ FINAL MARKETABLE PRODUCT ONLY. DOES NOT INCLUDE QUANTITY USED OR SHIPPED TO ANOTHER PLANT FOR FURTHER PROCESSING INTO DRY WHEY OR MODIFIED WHEY PRODUCTS. 3/ INCLUDES PRODUCT FOR HUMAN CONSUMPTION AND ANIMAL FEED MADE FROM ACID-TYPE AND SWEET-TYPE WHEY.

TABLE 30--NONFAT DRY MILK FOR HUMAN FOOD  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	20650	19678	23457	25137	27514	26088	23876	25094
IDAHO	1869	1323	1353	1799	1519	1800	1880	1916
IOWA	6623	6397	6960	7052	8557	8309	6674	5358
MICH	8868	8218	8818	8701	9150	9112	10018	8481
MINN	15913	15136	15970	15014	15542	15617	15195	11690
N Y	6810	6076	6010	6289	6455	5311	3885	2095
N DAK	695	747	767	756	578	779	547	273
OHIO	3650	3369	2975	2667	3361	3112	2293	1990
PA	4379	4537	4622	5094	6019	3301	3077	1995
WIS	8392	8698	9628	10737	11489	11950	11134	7083
OTHER 1/	29199	24564	27278	29888	35525	30818	27981	22260
U S	107048	98743	107843	113134	125709	116197	106560	88235

TABLE 31--DRY SKIM FOR ANIMAL FEED  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	118	107	124	150	191	129	156	170
MINN	21	11	36	21	34	41	25	21
N Y	104	138	97	134	225	199	83	51
N DAK	4	3	4	5	4	4	3	2
WIS	17	22	25	56	52	45	41	45
OTHER 1/	420	426	284	349	651	447	327	297
U S	684	707	570	715	1157	865	635	586

SEE FOOTNOTES ON PAGE 39.

TABLE 30--NONFAT DRY MILK FOR HUMAN FOOD  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	18304	20468	20259	21313	14	269475	14	271838
IDAHO	1453	2149	1939	2154	1	32772	1	21159
IOWA	5007	4766	4422	5433	6	89987	6	75558
MICH	8392	8017	7183	7851	4	106429	4	102809
MINN	9679	9250	9330	11029	13	203895	12	159365
N Y	988	674	675	2984	11	82811	9	48252
N DAK	3		75	282	1	8421	1	5502
OHIO	990	1177	1049	1918	3	56268	4	28551
PA	194	639	605	2062	6	62234	6	36524
WIS	5877	4632	5261	7116	10	129157	10	101997
OTHER 1/	19907	19923	16616	23405	32	458453	32	307364
U S	70794	71695	67414	85547	101	1499902	99	1158919

TABLE 31--DRY SKIM FOR ANIMAL FEED  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	136	114	112	76	11	1538	11	1583
MINN	10	15	22	63	6	328	8	320
N Y	13	13	14	123	5	837	5	1194
N DAK			1	2	1	48	1	32
WIS	53	36	39	36	7	505	7	467
OTHER 1/	318	371	112	196	31	7068	33	4198
U S	530	549	300	496	61	10324	65	7794

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSE.

TABLE 32--DRY MILK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
DRY WHOLE MILK								
OTHER 1/	10097	9481	11216	10435	10594	11934	9792	8174
U S	10097	9481	11216	10435	10594	11934	9792	8174
DRY BUTTERMILK								
CALIF	501	389	403	437	452	371	343	289
MICH	413	289	317	313	199	143	120	125
MINN	1347	1140	963	1109	1532	1364	1461	1276
N Y	422	283	216	175	101	30	16	18
N DAK	41	21	22	24	37	24	21	12
PA	200	178	130	86	111	66	14	8
WIS	1433	1036	889	771	996	749	504	299
OTHER 1/	1053	645	550	462	580	368	297	269
U S	5410	3981	3490	3377	4008	3115	2776	2296

SEE FOOTNOTES ON PAGE 41.

TABLE 33--LACTOSE-MILK SUGAR  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
FOR HUMAN FOOD								
MINN	2778	2632	2366	2815	3092	4342	2781	1773
WIS	2278	2061	2773	3341	3269	3755	3251	2770
OTHER 1/	3740	3712	4033	3657	3528	3594	3491	3310
U S	8796	8405	9172	9813	9889	11691	9523	7853
TOTAL LACTOSE 2/								
MINN	2898	2889	2577	2931	3113	4342	2781	1773
WIS	2499	2269	2938	3935	3476	4485	3251	2770
OTHER 1/	5152	5333	5802	4806	4789	4957	4433	4357
U S	10549	10491	11317	11672	11378	13784	10465	8900

SEE FOOTNOTES ON PAGE 41.

TABLE 32--DRY MILK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
DRY WHOLE MILK								
OTHER 1/	10434	9040	9192	9233	16	111209	17	119622
U S	10434	9040	9192	9233	16	111209	17	119622
DRY BUTTERMILK								
CALIF	255	425	469	676	7	4071	7	5010
MICH	137	150	131	83	3	2923	4	2420
MINN	973	1180	781	812	7	15385	6	13938
N Y	41	114	32	99	6	2094	4	1547
N DAK				22	1	383	1	224
PA		66	84	105	3	968	3	1048
WIS	308	405	571	1176	6	10833	6	9137
OTHER 1/	358	481	350	809	15	9840	15	6222
U S	2072	2821	2418	3782	48	46497	46	39546

TABLE 33--LACTOSE-MILK SUGAR  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
FOR HUMAN FOOD								
MINN	1555	1907	1674	2254	3	34901	3	29969
WIS	2644	2798	2388	2987	4	25191	6	34315
OTHER 1/	3071	3403	3495	3896	11	47698	11	42930
U S	7270	8108	7557	9137	18	107790	20	107214
TOTAL LACTOSE 2/								
MINN	1555	1907	1674	2254	3	37759	3	30694
WIS	2644	2798	2388	2987	6	27459	7	36440
OTHER 1/	3847	4321	4303	4544	14	65117	14	56644
U S	8046	9026	8365	9785	23	130335	24	123778

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ INCLUDES PRODUCT MADE FOR BOTH HUMAN FOOD AND ANIMAL FEED.

TABLE 34--DRY WHEY  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
HUMAN FOOD:								
MINN	15544	15139	16619	16330	17366	16242	12791	11708
N Y	5154	4752	4412	4161	4729	4804	5309	4289
UTAH	1398	1381	1414	716	1434	1557	1370	1433
WIS	25942	25808	28404	25865	25295	25837	25535	25069
OTHER 1/	14824	13878	16125	17871	18592	16770	14699	14099
U S	62862	60958	66974	64943	67416	65210	59704	56598
ANIMAL FEED								
ILL	486	459	574	600	581	490	572	526
MINN	231	216	158	205	256	256	229	302
N Y	2062	1161	1772	1856	1966	1812	1724	1877
UTAH	199	105	76	332	105	108	109	91
WIS	8398	7579	7728	6019	6281	6521	8448	8727
OTHER 1/	4285	3986	3942	4892	4705	3871	3321	3585
U S	15661	13506	14250	13904	13894	13058	14403	15108
TOTAL DRY WHEY								
ILL	486	459	574	600	581	490	572	526
IOWA	5022	4718	5453	5318	5245	4893	4654	4761
MINN	15775	15355	16777	16535	17622	16498	13020	12010
N Y	7216	5913	6184	6017	6695	6616	7033	6166
UTAH	1597	1486	1490	1048	1539	1665	1479	1524
WIS	34340	33387	36132	31884	31576	32358	33983	33796
OTHER 1/	14087	13146	14614	17445	18052	15748	13366	12923
U S	78523	74464	81224	78847	81310	78268	74107	71706

SEE FOOTNOTES ON PAGE 43.

TABLE 34--DRY WHEY  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1984 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
HUMAN FOOD:								
MINN	12353	12939	13110	14943	9	164023	9	175084
N Y	4466	4210	4274	4282	8	51558	8	54842
UTAH	708	747	1195	1161	4	18440	3	14514
WIS	23038	24934	21824	22682	12	236321	15	300233
OTHER 1/	14073	13775	11861	13976	21	210026	18	180543
U S	54638	56605	52264	57044	54	680368	53	725216
ANIMAL FEED								
ILL	317	406	373	456	4	6121	4	5840
MINN	140	194	159	178	6	5955	7	2524
N Y	2149	2580	1895	1807	7	38286	7	22661
UTAH	8	9	15	18			3	1175
WIS	8493	8407	7275	8825	17	91622	17	92701
OTHER 1/	3464	3674	3393	4711	33	69812	26	47829
U S	14571	15270	13110	15995	67	211796	64	172730
TOTAL DRY WHEY								
ILL	317	406	373	456	4	6121	4	5840
IOWA	4844	4898	4799	5048	6	64269	3	59653
MINN	12493	13133	13269	15121	9	169978	9	177608
N Y	6615	6790	6169	6089	10	89844	9	77503
UTAH	716	756	1210	1179	4	18937	4	15689
WIS	31531	33341	29099	31507	21	327943	24	392934
OTHER 1/	12693	12551	10455	13639	25	215072	27	168719
U S	69209	71875	65374	73039	79	892164	80	897946

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 35--ICE CREAM, TOTAL  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	1128	1331	1358	1399	1609	1931	1777	1795
ARIZ	534	587	555	551	645	586	596	620
ARK	367	427	522	486	558	660	669	583
CALIF	6931	7990	9250	8800	10041	10244	10696	11088
COLO	600	787	848	824	877	950	996	981
FLA	2613	2920	2909	3320	3058	3147	3014	3320
GA	530	658	718	801	911	868	766	735
IDAHO	372	318	285	514	490	449	563	434
ILL	2090	2658	2841	2593	3122	3321	3337	3264
IND	1600	1989	2588	2348	2718	2874	2559	2678
IOWA	1058	1402	1608	1627	1588	1934	1931	1814
KANS	506	652	707	716	745	882	807	859
LA	619	678	894	804	858	1029	1044	854
MD 2/	884	879	1247	1177	1257	1451	1390	1412
MASS	2219	3410	4401	3755	4164	5016	4708	4534
MICH	2039	2070	2308	2416	2715	3341	3563	3446
MINN	2411	3009	3278	3324	3490	3677	3695	3597
MISS	245	287	408	375	407	552	476	393
MO	1296	1519	1845	2020	2044	2319	2260	1996
MONT	113	135	198	166	175	186	223	240
NEBR	503	593	653	600	640	737	796	791
N J	2144	2096	2285	2255	2641	2481	2088	2204
N Y	2991	3073	4649	3686	4386	4814	4659	4783
N C	1782	2240	2331	2365	2712	3164	3096	2896
N DAK	134	159	185	180	199	234	253	253
OHIO	2841	3588	4213	3998	3834	4935	4677	4890
OKLA	629	870	906	959	1046	1167	1091	1060
OREG	577	734	934	808	812	918	1015	1021
PA	4702	6401	7415	6331	7819	8148	7795	7207
S C	571	929	1255	1030	1056	1190	1013	1130
S DAK								
TENN	1286	1432	1640	1609	1898	1934	2058	2028
TEX	2641	3371	3872	3851	4252	4872	5022	4202
UTAH	541	631	701	687	730	787	825	859
VT								
VA	784	1076	1238	980	1233	1379	1261	1228
WASH	1085	1147	1469	1479	1627	1753	1842	1658
W VA	149	203	208	238	258	324	292	279
WIS	1484	1690	1960	1948	2019	2392	2336	2194
OTHER 1/	2069	2607	3233	2897	3803	3807	4616	3926
U S	55068	66546	77915	73917	82437	90453	89805	87252

SEE FOOTNOTES ON PAGE 45.

TABLE 35--ICE CREAM, TOTAL  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL	
	SEP	OCT	NOV	DEC	1983 PRODUCTION	1984 PRODUCTION
	1,000 GALLONS					
ALA	1346	1427	1213	801	15988	17115
ARIZ	521	559	418	393	6441	6565
ARK	587	471	443	372	5824	6145
CALIF	9337	9059	6775	6478	101070	106689
COLO	727	811	604	587	10120	9592
FLA	3197	2577	2286	2563	34002	34924
GA	601	654	494	407	8215	8143
IDAHO	424	357	262	283	4267	4751
ILL	2741	2512	2249	2132	36684	32860
IND	2294	2006	1828	1850	25734	27332
IOWA	1547	1493	1410	1335	16694	18747
KANS	704	637	496	462	8217	8173
LA	967	774	680	578	8267	9779
MD 2/	1103	1189	1010	765	13346	13764
MASS	4523	3444	3387	3301	44510	46862
MICH	2738	2522	2172	2068	34275	31398
MINN	3027	2711	2683	2440	37422	37342
MISS	436	322	284	259	4000	4444
MO	1638	1384	1208	1128	19436	20657
MONT	157	152	136	103	1931	1984
NEBR	631	542	463	553	7508	7502
N J	2064	2149	1910	1981	24474	26298
N Y	4011	3532	3017	2865	49847	46466
N C	2475	2273	1995	1444	31037	28773
N DAK	159	183	152	142	2269	2233
OHIO	4132	3712	3442	3006	46623	47268
OKLA	1024	928	733	679	9945	11092
OREG	743	730	493	468	8833	9253
PA	6611	6143	6277	5401	77053	80250
S C	925	907	807	615	10170	11428
S DAK					49	
TENN	1550	1447	1272	981	18633	19135
TEX	3772	3401	3031	2611	57256	44898
UTAH	628	616	615	488	8872	8108
VT					462	
VA	1037	854	934	876	12685	12880
WASH	1382	1399	1336	1323	16224	17500
W VA	239	239	197	167	2769	2793
WIS	1941	1631	1460	1176	20941	22231
OTHER 1/	2580	2939	3100	2574	39450	38151
U S	74519	68686	61272	55655	881543	883525

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ INCLUDES DISTRICT OF COLUMBIA.

TABLE 36--ICE MILK, TOTAL 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	418	501	574	609	654	749	759	555
ALAS	22	43	22	43	64	64	64	64
ARIZ	284	305	360	364	434	400	402	434
ARK	175	257	273	323	356	415	360	319
CALIF 2/	1864	1990	2444	2296	2792	2763	3045	3062
COLO	301	371	400	454	564	571	653	590
FLA	1025	1243	1621	1374	1281	1558	1484	1489
GA	552	831	1006	872	1299	971	991	732
IDAHO	66	90	111	88	112	139	152	143
ILL	953	1167	1430	1622	2161	2211	2261	2300
IND	282	398	467	535	618	725	713	707
IOWA 3/	345	471	526	598	747	849	854	819
KANS	247	386	472	484	531	617	607	507
LA	293	347	434	433	481	554	490	474
MD 4/	342	377	452	505	616	758	678	694
MASS	487	779	756	662	662	915	864	734
MICH	535	559	688	798	1108	1328	1328	1315
MINN	377	521	665	749	980	1025	1106	1119
MISS 5/	172	201	278	336	303	356	340	284
MO	514	597	758	708	881	991	997	1018
MONT 6/	52	70	76	84	107	122	127	120
NEBR	214	236	330	334	450	511	534	473
N J	304	401	357	373	337	373	368	438
N Y	700	717	894	929	1075	1119	1070	1164
N C	514	626	654	771	870	958	980	881
N DAK	38	59	66	104	124	127	127	127
OHIO	848	1124	1433	1678	2118	2521	2203	2150
OKLA	275	287	376	393	257	429	412	430
OREG 7/	286	357	373	395	471	475	577	567
PA	783	1031	1141	1114	1698	1992	1740	1541
S C	188	281	394	255	353	441	361	348
S DAK								
TENN	317	381	397	482	521	680	655	629
TEX	916	1162	1372	1340	1582	1629	1597	1568
UTAH	147	161	185	215	226	250	296	288
VA	388	456	559	559	752	780	780	802
WASH	771	531	609	665	660	621	783	824
W VA	123	148	199	192	254	311	252	254
WIS	242	306	423	387	525	651	609	544
OTHER 8/	625	738	889	1032	1430	1698	1640	1620
U S	16985	20506	24464	25155	30454	33647	33259	32127

SEE FOOTNOTES ON PAGE 47.

TABLE 36--ICE MILK, TOTAL 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL	
	SEP	OCT	NOV	DEC	1983 PRODUCTION	1984 PRODUCTION
	1,000 GALLONS					
ALA	500	547	351	331	6117	6548
ALAS	43	43	22	43	638	537
ARIZ	319	354	286	256		4198
ARK	276	242	192	178	3079	3366
CALIF 2/	2569	2408	1995	1857	27793	29085
COLO	448	402	377	276	5566	5407
FLA	1425	1344	1302	1438	13979	16584
GA	954	908	645	497	10409	10258
IDAHO	86	100	73	95	1384	1255
ILL	1589	1476	1276	1113	18425	19559
IND	605	480	335	319	6820	6184
IOWA 3/	558	485	431	378	6822	7061
KANS	461	352	248	234	5391	5146
LA	416	449	387	377	4824	5135
MD 4/	473	524	399	391	5816	6209
MASS	586	551	459	347	9138	7802
MICH	739	623	544	441	9964	10006
MINN	647	589	452	360	6245	8590
MISS 5/	323	187	136	140	2651	3056
MO	724	674	471	384	9276	8717
MOnt 6/	64	63	61	71	1070	1017
NEBR	301	310	196	201	4139	4090
N J	304	370	287	211	5678	4123
N Y	789	715	610	527	7659	10309
N C	671	676	569	425	9383	8595
N DAK	60	59	43	30	1213	964
OHIO	1406	1147	861	742	22420	18231
OKLA	381	403	294	250	4294	4187
OREG 7/	376	374	452	385	4803	5088
PA	1245	1033	838	745	14328	14901
S C	353	285	244	149	4238	3652
S DAK					606	
TENN	429	430	347	268	5413	5536
TEX	1188	1307	1164	1100	14041	15925
UTAH	193	198	158	134	2354	2451
VA	631	600	503	427	5970	7237
WASH	646	551	576	567	8515	7804
W VA	202	177	116	100	1883	2328
WIS	452	333	254	188	5894	4914
OTHER 8/	1113	1071	885	828	16675	13569
U S	24545	22840	18839	16803	294913	299624

1/ INCLUDES HARD, SOFT-SERVE, AND FREEZER-MADE MILKSHAKE. 2/ INCLUDES FREEZER-MADE "MILK DRINK". 3/ INCLUDES SUBSTANDARD FROZEN DESSERT. 4/ INCLUDES DISTRICT OF COLUMBIA. 5/ INCLUDES MILKSHAKE BASE. 6/ INCLUDES LOWFAT ICE CREAM. 7/ INCLUDES SUBSTANDARD ICE CREAM. 8/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 37--ICE MILK, HARD  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	264	319	364	408	404	469	488	420
ARIZ	32	39	33	48	74	76	71	78
ARK	55	91	92	119	130	145	118	117
CALIF	417	528	633	544	665	669	769	674
COLO	29	51	47	67	58	65	66	55
FLA	210	290	405	346	316	392	393	373
GA	36	56	59	78	55	91	63	62
IDAHO	17	28	29	13	18	28	29	28
ILL	113	135	188	187	219	199	231	218
IND	94	138	157	171	142	177	170	164
IOWA	162	239	237	244	275	332	329	322
LA	28	26	37	41	32	48	41	30
MD 2/								
MASS	125	305	238	183	222	363	351	289
MICH	121	113	115	145	240	293	301	312
MISS	37	41	48	59	53	59	65	47
MO	191	223	311	244	303	345	334	350
MONT	8	15	10	9	12	16	20	19
N J	2	9	2	1	2	1	4	4
N Y	77	75	142	113	113	120	98	119
N C	220	277	275	342	361	395	437	362
N DAK	3	5	6	4	5	7	6	7
OHIO	141	153	133	148	177	202	213	160
OKLA	49	71	78	85	60	91	100	96
OREG	9	47	15	32	22	31	61	47
PA	268	323	326	352	443	512	420	372
S C	99	155	217	122	183	233	179	180
TENN	129	170	155	192	200	264	249	240
TEX	80	170	140	150	180	170	180	180
UTAH	24	38	31	43	34	43	59	49
VA	43	45	62	28	76	64	50	59
WASH	159	101	127	131	100	87	112	108
W VA	33	34	40	28	29	42	33	33
WIS	86	97	141	105	142	188	150	144
OTHER 1/	301	390	498	427	472	646	515	466
U S	3662	4797	5391	5209	5817	6863	6705	6184

SEE FOOTNOTES ON PAGE 49.

TABLE 37--ICE MILK, HARD  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	311	351	239	177	5	2760	5	4214
ARIZ	39	48	31	33			3	602
ARK	90	76	59	58	6	958	6	1150
CALIF	589	565	393	310	77	7369	77	6756
COLO	61	58	43	32	6	743	6	632
FLA	372	303	324	322	9	3896	9	4046
GA	64	47	33	47	5	734	5	691
IDAHO	12	21	13	17	4	248	4	253
ILL	172	164	139	98	27	2165	24	2063
IND	170	112	111	90	19	1940	17	1696
IOWA	224	216	211	199	8	2590	9	2990
LA	42	28	32	22	9	376	19	407
MD 2/					6	743		
MASS	239	243	215	142	10	2875	9	2915
MICH	150	98	90	67	24	1582	20	2045
MISS	63	35	26	25	4	522	4	558
MO	254	232	143	123	15	3061	13	3053
MONT	10	15	7	9	9	158	8	150
N J	2	6	1	3	4	51	5	37
N Y	102	55	69	59	20	1657	20	1142
N C	277	267	230	166	16	3984	15	3609
N DAK	3	6	4	2	4	58	4	58
OHIO	139	111	121	84	31	2401	25	1782
OKLA	76	105	58	40	9	946	8	909
OREG	13	7	18	13	11	408	11	315
PA	376	293	269	219	30	4390	29	4173
S C	194	147	128	65	8	2330	8	1902
TENN	132	164	129	101	10	2290	10	2125
TEX	140	160	130	80	19	2333	17	1760
UTAH	29	34	20	23	9	470	9	427
VA	67	36	52	22	4	636	4	604
WASH	86	76	94	111	13	1961	12	1292
W VA	30	28	22	18	4	300	4	370
WIS	142	104	84	52	22	1587	19	1435
OTHER 1/	364	403	296	293	39	5615	39	5071
U S	5034	4614	3834	3122	496	64137	477	61232

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OF INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ INCLUDES DISTRICT OF COLUMBIA.

TABLE 38--ICE MILK, SOFT  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	154	182	210	201	250	280	271	135
ALAS	22	43	22	43	64	64	64	64
ARIZ	252	266	327	316	360	324	331	356
ARK	120	166	181	204	226	270	242	202
CALIF	1447	1462	1811	1752	2127	2094	2276	2388
COLO	272	320	353	387	506	506	587	535
FLA	815	953	1216	1028	965	1166	1091	1116
GA	516	775	947	794	1244	880	928	670
IDAHO	49	62	82	75	94	111	123	115
ILL	840	1032	1242	1435	1942	2012	2030	2082
IND	188	260	310	364	476	548	543	543
IOWA	183	232	289	354	472	517	525	497
KANS	157	228	277	303	356	388	405	356
LA	265	321	397	392	449	506	449	444
MD 2/	299	338	399	448	543	659	598	620
MASS	362	474	518	479	440	552	513	445
MICH	414	446	573	653	868	1035	1027	1003
MINN	337	473	601	705	930	970	1050	1066
MISS	135	160	230	277	250	297	275	237
MO	323	374	447	464	578	646	663	668
MONT	44	55	66	75	95	106	107	101
N J	302	392	355	372	335	372	364	434
N Y	623	642	752	816	962	999	972	1045
N C	294	349	379	429	509	563	543	519
N DAK	35	54	60	100	119	120	121	120
OHIO	707	971	1300	1530	1941	2319	1990	1990
OKLA	226	216	298	308	197	338	312	334
OREG	277	310	358	363	449	444	516	520
PA	515	708	815	762	1255	1480	1320	1169
S C	89	126	177	133	170	208	182	168
S DAK								
TENN	188	211	242	290	321	416	406	389
TEX	836	992	1232	1190	1402	1459	1417	1388
VA	345	411	497	531	676	716	730	743
WASH	612	430	482	534	560	534	671	716
W VA	90	114	159	164	225	269	219	221
WIS	156	209	282	282	383	463	459	400
OTHER 1/	834	952	1187	1393	1898	2153	2234	2144
U S	13323	15709	19073	19946	24637	26784	26554	25943

SEE FOOTNOTES ON PAGE 51.

TABLE 38--ICE MILK, SOFT  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL	
	SEP	OCT	NOV	DEC	1983 PRODUCTION	1984 PRODUCTION
	1,000 GALLONS					
ALA	189	196	112	154	3357	2334
ALAS	43	43	22	43	638	537
ARIZ	280	306	255	223		3596
ARK	186	166	133	120	2121	2216
CALIF	1980	1843	1602	1547	20424	22329
COLO	387	344	334	244	4823	4775
FLA	1053	1041	978	1116	10083	12538
GA	890	861	612	450	9675	9567
IDAHO	74	79	60	78	1136	1002
ILL	1417	1312	1137	1015	16260	17496
IND	435	368	224	229	4880	4488
IOWA	334	269	220	179	4232	4071
KANS	300	219	153	121	3249	3263
LA	374	421	355	355	4448	4728
MD 2/	432	476	365	360	5073	5537
MASS	347	308	244	205	6263	4887
MICH	589	525	454	374	8382	7961
MINN	601	545	409	328	5745	8015
MISS	260	152	110	115	2129	2498
MO	470	442	328	261	6215	5664
MONT	54	48	54	62	912	867
N J	302	364	286	208	5627	4086
N Y	687	660	541	468	6002	9167
N C	394	409	339	259	5399	4986
N DAK	57	53	39	28	1155	906
OHIO	1267	1036	740	658	20019	16449
OKLA	305	298	236	210	3348	3278
OREG	363	367	434	372	4395	4773
PA	869	740	569	526	9938	10728
S C	159	138	116	84	1908	1750
S DAK					606	
TENN	297	266	218	167	3123	3411
TEX	1048	1147	1034	1020	11708	14165
VA	564	564	451	405	5334	6633
WASH	560	475	482	456	6554	6512
W VA	172	149	94	82	1583	1958
WIS	310	229	170	136	4307	3479
OTHER 1/	1462	1367	1095	1023	19725	17742
U S	19511	18226	15005	13681	230776	238392

1/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OF INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 2/ INCLUDES DISTRICT OF COLUMBIA.

TABLE 39--MILK SHERBET 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	77	89	100	102	114	135	135	112
ARIZ	45	55	45	56	55	64	53	80
ARK	35	46	55	53	64	71	71	57
CALIF	307	364	419	421	470	523	565	536
COLO	31	33	46	36	31	52	51	50
FLA	126	143	157	143	147	244	201	163
GA	29	39	48	43	53	53	50	46
IDAHO	19	23	30	19	22	28	31	19
ILL	113	139	126	152	175	217	185	166
IND	148	129	195	211	221	212	184	172
IOWA	65	101	141	162	181	183	212	207
KANS	33	35	41	50	49	58	48	54
LA	40	30	68	43	60	64	59	46
MD 2/	66	68	95	107	140	220	174	151
MASS	146	97	157	186	206	371	257	244
MICH	78	87	100	120	140	175	142	167
MINN	88	106	153	262	178	182	181	140
MISS	11	17	21	16	22	29	24	25
MO	53	58	114	76	102	116	107	101
MONT	8	3	12	6	12	6	12	9
N J	17	12	18	11	16	20	25	15
N Y	148	116	218	184	255	332	287	253
N C	62	60	83	85	98	131	125	99
N DAK	5	10	15	11	21	30	30	20
OHIO	170	185	266	282	311	365	318	273
OKLA	34	48	49	60	60	57	76	59
OREG	21	32	60	39	25	46	46	18
PA	208	220	296	327	410	542	447	439
S C	61	64	104	103	101	93	132	127
TENN	56	59	77	88	98	121	104	95
TEX	168	178	241	210	251	302	324	284
UTAH	31	33	48	49	47	64	60	59
VA	16	18	20	22	36	51	46	34
WASH	106	111	135	155	137	134	141	133
W VA	8	18	13	12	13	19	16	14
WIS	70	54	92	94	90	89	99	90
OTHER 3/	108	134	173	200	223	303	221	227
U S	2807	3014	4031	4196	4634	5702	5239	4784

SEE FOOTNOTES ON PAGE 53.

TABLE 39--MILK SHERBET 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL	
	SEP	OCT	NOV	DEC	1983 PRODUCTION	1984 PRODUCTION
	1,000 GALLONS					
ALA	93	100	96	91	940	1244
ARIZ	48	54	32	39	530	626
ARK	50	45	30	30	260	607
CALIF	476	379	312	278	4755	5050
COLO	33	37	24	24	497	448
FLA	157	135	180	110	1758	1906
GA	49	42	36	17	486	505
IDAHO	14	19	15	18	217	257
ILL	123	115	111	138	1979	1760
IND	156	173	142	121	2054	2064
IOWA	236	204	102	96	1485	1890
KANS	46	28	31	19	532	492
LA	74	41	38	35	433	598
MD 2/	127	112	76	49	1309	1385
MASS	161	111	117	102	2297	2155
MICH	121	109	83	103	1474	1425
MINN	93	106	117	121	1873	1727
MISS	17	18	14	14	229	228
MO	77	69	53	59	992	985
MONT	8	4	4	4	91	88
N J	13	12	6	5	283	170
N Y	193	171	127	141	2206	2425
N C	95	73	95	51	1282	1057
N DAK	10	9	15	7	172	183
OHIO	232	189	182	230	3048	3003
OKLA	77	51	34	32	569	637
OREG	17	27	19	5	410	355
PA	253	236	239	228	3702	3845
S C	110	75	75	72	1091	1117
TENN	61	73	58	43	916	933
TEX	198	199	168	157	3759	2680
UTAH	37	26	26	27	509	507
VA	21	19	14	13	359	310
WASH	85	77	94	104	1604	1412
W VA	14	13	12	13	154	165
WIS	64	73	52	50	911	917
OTHER 3/	127	139	156	125	2566	2136
U S	3766	3363	2985	2771	47732	47292

1/INCLUDES HARD, SOFT-SERVE, AND FREEZER-MADE MILKSHAKE. 2/ INCLUDES DISTRICT OF COLUMBIA. 3/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 40--MELLORINE TYPE PRODUCTS (MIX) 5310  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
FROZEN PRODUCT								
ALA								
ARIZ								
ARK	27	26	21	28	26	32	39	29
CALIF	28	47	40	39	40	45	54	56
ILL	29	32	40	39	54	72	62	44
IOWA								
MO								
OKLA	6	11	5	6	8	9	7	3
TEX	110	160	180	190	240	200	230	190
WIS								
OTHER 2/	126	148	196	171	172	196	190	185
U S	326	424	482	473	540	554	582	507
FROZEN PRODUCT 1/								
ALA								
ARK	57	51	41	54	52	64	79	61
CALIF 3/	41	65	61	62	61	65	73	77
FLA								
ILL	45	47	74	58	82	107	92	66
IOWA	61	48	72	49	60	69	74	70
MO								
OKLA	11	13	12	11	14	16	15	8
TENN	2	5	8		1			
TEX	157	259	304	336	377	328	376	316
OTHER 2/	105	168	212	188	206	229	184	168
U S	479	656	784	758	853	878	893	766

TABLE 41--OTHER FROZEN DAIRY PRODUCTS  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
CALIF	221	242	268	297	481	372	367	612
COLO	3	3	1	4	5	10	7	11
IND	28	87	85	87	108	67	126	108
MICH	12	16	25	23	45	68	32	25
OHIO	85	134	191	145	170	176	211	149
OKLA	6	22	18	25	13	28	25	23
PA	66	102	122	93	107	96	86	50
TENN	12	16	24	17	15	28	26	18
WIS								
OTHER 2/	702	788	1098	1325	1413	1969	1860	1365
U S	1135	1410	1832	2016	2357	2814	2740	2361

SEE FOOTNOTES ON PAGE 55.

TABLE 40--MELLORINE TYPE PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
FROZEN PRODUCT 1/					NUMBER	1,000 GAL	NUMBER	1,000 LBS
ALA						147		
ARK	56	42	41	23		310		621
CALIF 3/	59	50	20	31		807		665
FLA						113		
ILL	52	35	30	28		639		716
IOWA	47	43	56	49		861		698
MO						170		
OKLA	15	13	5	5		167		138
TENN			1	2				19
TEX	296	226	204	174		5473		3353
OTHER 2/	142	190	121	113	7	1512		2026
U S	667	599	478	425	8	10086		8236
MIX FOR FROZEN PRODUCT								
ALA								
ARIZ					3	109		
ARK	29	22	19	11	6	155	6	309
CALIF	39	36	14	20	6	536	5	458
ILL	35	24	19	19	8	426	8	469
IOWA					4	1115		
MO					3	45		
OKLA	7	7	3	2	7	90	7	74
TEX	190	150	140	100	27	2691	25	2080
WIS					1	177		
OTHER 2/	141	155	130	129	10	361	18	1939
U S	441	394	325	281	75	5705	69	5329

TABLE 41--OTHER FROZEN DAIRY PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
					NUMBER	1,000 GAL	NUMBER	1,000 GAL
CALIF	506	468	287	247	41	3408	41	4368
COLO	7	4	2	1	3	76	4	58
IND	93	75	55	52	4	782	4	971
MICH	28	12	9	11	7	504	5	306
OHIO	123	62	56	62	13	1346	9	1564
OKLA	15	27	14	12	3	186	3	228
PA	63	98	41	45	6	1965	7	969
TENN	13	17	15	5	4	245	4	206
WIS					2	10		
OTHER 2/	993	1107	778	673	71	13073	71	14071
U S	1841	1870	1257	1108	154	21595	148	22741

1/ INCLUDES HARD, SOFT-SERVE, AND FREEZER-MADE MILKSHAKE. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.  
3/ DESIGNATED AS "IMITATION ICE CREAM". 4/ NUMBER OF PLANTS NOT AVAILABLE FOR MELLORINE-TYPE FROZEN DESSERTS.

TABLE 42--WATER ICES 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA								
CALIF	351	292	387	400	448	408	441	528
COLO	11	16	27	27	49	63	72	40
FLA								
ILL	41	62	53	80	85	109	75	93
IND	179	195	176	174	216	224	223	201
MD 3/	32	33	114	175	175	193	167	114
MISS	18	32	56	38	77	82	62	66
N J	15	12	14	19	47	57	50	29
N Y	162	165	250	339	353	379	223	203
N C	80	91	134	136	166	252	201	169
OHIO	78	235	332	288	344	546	417	337
OKLA	4	13	25	14	31	58	31	29
PA	89	104	127	127	257	360	320	292
TENN	16	24	92	110	122	163	152	152
TEX	70	86	115	119	208	235	257	242
UTAH	2	86	139	159	197	272	240	107
VA	1		7	17	20	19	15	10
WIS	133	170	230	213	234	233	210	165
OTHER 2/	656	1013	1491	1693	2062	2403	2078	1822
U S	1938	2629	3769	4128	5091	6056	5234	4599

SEE FOOTNOTES ON PAGE 57.

TABLE 42--WATER ICES 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
					1983		1984	
	SEP	OCT	NOV	DEC	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA					3	1001		
CALIF	369	342	235	69	11	3611	12	4270
COLO	18	13	5	6	5	522	5	347
FLA					6	1145		
ILL	40	51	28	18	8	829	7	735
IND	138	59	117	44	5	2343	7	1946
MD 3/	59	62	59	89	5	1295	6	1272
MISS	61	46	14	18	3	266	3	570
N J	21	16	10	15	7	316	7	305
N Y	122	93	73	64	30	1906	30	2426
N C	123	73	86	51	12	1865	11	1562
OHIO	163	98	73	32	11	2811	13	2943
OKLA	34	17	9	7	3	197	3	272
PA	138	75	54	32	11	2205	12	1975
TENN	153	22	146	73	6	553	6	1225
TEX	216	111	63	130	11	3310	8	1852
UTAH	13	20	21	5			3	1261
VA	18	32	9	8	3	216	3	156
WIS	131	95	65	98	4	2460	5	1977
OTHER 2/	1262	863	593	583	57	12574	58	16519
U S	3079	2088	1660	1342	201	39425	199	41613

1/ DOES NOT INCLUDE COUNTER-FREEZER PRODUCTION. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 3/ INCLUDES DISTRICT OF COLUMBIA.

TABLE 43--ICE CREAM MIX  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	657	736	765	826	859	1014	923	969
ARIZ	319	280	268	269	316	283	294	293
ARK	191	228	266	255	289	344	351	299
CALIF	3572	4047	4625	4533	5005	5123	5416	5637
COLO	294	396	430	401	452	513	530	489
FLA	1306	1435	1730	1692	1626	1675	1587	1723
GA	261	316	339	390	451	419	371	347
IDAHO	167	132	115	224	213	202	246	189
ILL	1211	1451	1633	1499	1789	1994	1918	1927
IND	799	920	1212	1105	1278	1338	1190	1203
IOWA	533	699	768	816	796	940	953	925
KANS	257	329	350	361	401	432	402	425
LA	303	327	439	389	422	505	504	417
MAINE	20	27	30	36	51	63	78	80
MD 1/	440	437	607	573	633	712	673	681
MASS	1122	1716	2154	1878	2063	2505	2463	2246
MICH	1091	1136	1234	1256	1474	1767	1771	1745
MINN	1189	1493	1618	1631	1710	1718	1802	1693
MISS	132	153	217	201	223	300	258	212
MO	541	662	802	879	850	964	953	859
MONT	82	84	116	110	114	112	147	141
NEBR	258	304	331	309	329	378	408	403
N Y	1528	1629	2327	2060	2558	2908	2783	2811
N C	925	1118	1182	1219	1416	1600	1643	1473
N DAK	50	62	74	68	74	86	95	97
OHIO	1402	1740	2106	2067	2068	2567	2448	2486
OKLA	319	434	447	482	524	577	549	532
OREG	312	349	445	366	363	440	486	449
PA	2393	3235	3834	3279	4128	4382	4287	3971
S C	298	498	666	522	555	614	546	592
TENN	645	756	842	849	980	992	1042	1051
TEX	1710	2130	2390	2310	2650	2950	3060	2530
UTAH	282	322	357	350	376	404	422	438
VA	410	556	631	506	651	718	671	650
WASH	572	562	757	772	810	950	979	803
W VA	63	78	86	96	93	140	117	114
WIS	749	819	975	971	1038	1252	1280	1184
OTHER 2/	2426	2683	3013	2825	3598	3632	3739	3460
U S	28829	34279	40181	38375	43226	47513	47385	45544

SEE FOOTNOTES ON PAGE 59.

TABLE 43--ICE CREAM MIX  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	707	778	646	426	7	7957	7	9306
ARIZ	255	271	210	197	5	3151	5	3255
ARK	303	241	222	190	7	2990	7	3179
CALIF	4713	4480	3356	3117	32	51677	33	53624
COLO	371	407	302	298	10	5192	10	4883
FLA	1599	1341	1170	1251	14	17190	12	18135
GA	273	311	241	191	12	3962	13	3910
IDAHO	189	165	114	119	4	1924	4	2075
ILL	1545	1467	1226	1201	24	20174	22	18861
IND	1057	897	1172	810	14	12165	14	12981
IOWA	772	743	664	641	11	8211	13	9250
KANS	350	314	247	227	9	4173	9	4095
LA	487	376	339	277	11	4040	15	4785
MAINE	54	36	27	29			6	531
MD 1/	541	598	476	361	8	6570	8	6732
MASS	2170	1747	1624	1549	19	22148	19	23237
MICH	1303	1239	1088	1008	32	17823	31	16112
MINN	1493	1408	1384	996			8	18135
MISS	231	172	154	133	5	2094	5	2386
MO	697	606	530	488	14	8591	12	8831
MONT	90	87	85	70	9	1054	10	1238
NEBR	323	277	237	279	6	3846	6	3836
N Y	2133	1849	1520	1457	38	27356	36	25563
N C	1268	1182	1018	697	17	15744	16	14741
N DAK	57	74	60	62	7	873	7	859
OHIO	2120	1966	1569	1466	35	23381	38	24005
OKLA	525	468	365	345	11	5175	11	5567
OREG	357	359	270	255	16	4412	15	4451
PA	3419	3209	3176	2758	48	40436	50	42071
S C	491	485	426	325	6	5391	6	6018
TENN	807	734	637	488	13	9507	13	9823
TEX	2360	2180	1910	1570	30	29744	26	27750
UTAH	321	345	312	252	12	4587	12	4181
VA	546	427	475	507	7	7030	8	6748
WASH	690	674	688	656	15	8433	12	8913
W VA	98	92	79	72	5	1144	5	1128
WIS	1028	836	772	607	21	10689	22	11511
OTHER 2/	2664	2836	2681	2399	65	54490	45	35956
U S	38407	35677	31472	27774	599	453324	591	458662

1/ INCLUDES DISTRICT OF COLUMBIA. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 44--ICE MILK MIX 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	241	284	327	311	389	436	423	212
ARK	130	179	197	221	245	293	262	217
CALIF	1199	1272	1564	1474	1794	1773	1950	1973
COLO	207	241	269	292	382	381	443	404
FLA	666	789	1007	845	800	964	896	918
IDAHO	32	41	55	50	63	74	82	77
ILL	615	753	908	1051	1418	1469	1491	1517
IND	225	316	374	440	577	663	656	658
IOWA	202	255	317	389	523	572	582	548
KANS	203	300	364	395	465	506	529	462
KY	113	146	176	214	289	325	295	266
LA	168	203	250	248	283	319	283	281
MAINE	1	2	2	6	13	13	16	15
MD 2/								
MASS	304	395	433	399	366	463	428	373
MICH	341	365	469	535	715	848	840	826
MISS	105	125	180	217	195	232	214	186
MO	292	334	403	420	520	579	594	599
MONT	38	48	57	65	82	91	92	87
NEBR	136	149	205	219	295	324	339	309
N J	244	317	286	302	272	300	293	350
N Y	372	384	453	492	579	602	585	629
N C	342	407	444	498	595	654	634	602
N DAK	29	45	49	82	98	99	100	99
OHIO	452	609	820	969	1224	1462	1268	1260
OKLA	154	147	204	211	135	230	213	227
OREG	192	219	250	255	312	309	361	364
PA	355	487	564	529	871	1029	913	809
S C	91	128	180	135	172	212	184	171
TENN	132	149	171	203	226	293	286	272
TEX	602	726	897	869	1019	1064	1029	1005
UTAH	109	110	137	153	171	183	210	211
VA	433	524	631	676	860	906	928	942
WASH	486	343	385	421	443	422	533	565
W VA	31	39	54	56	77	92	75	76
WIS	109	145	194	196	266	321	319	277
OTHER 3/	1251	1616	1989	2145	3019	3189	3144	3028
U S	10602	12592	15265	15983	19753	21692	21490	20815

SEE FOOTNOTES ON PAGE 61.

TABLE 44--ICE MILK MIX 1/  
PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
					1983		1984	
	SEP	OCT	NOV	DEC	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	295	307	175	240	12	3573	12	3640
ARK	202	180	141	128	9	2263	9	2395
CALIF	1652	1547	1290	1207	32	17435	32	18695
COLO	291	261	251	183	11	3668	11	3605
FLA	872	852	807	916	18	8647	17	10332
IDAHO	49	53	39	52	4	784	4	667
ILL	1038	961	830	740	29	12725	24	12791
IND	525	446	270	278	14	4673	14	5428
IOWA	370	297	241	200	13	4031	13	4496
KANS	390	287	201	159	13	4084	12	4261
KY	210	192	133	128	9	2456	10	2487
LA	236	267	225	225	18	2672	19	2988
MAINE	5	2	1	1			7	77
MD 2/					8	2266		
MASS	290	257	207	174	13	5862	12	4089
MICH	485	429	376	305	25	6390	25	6534
MISS	204	120	86	89	13	1725	12	1953
MO	425	399	294	235	14	5071	12	5094
MONT	46	41	46	53	11	807	11	746
NEBR	195	186	131	124	5	2658	6	2612
N J	246	294	233	169	5	3590	6	3306
N Y	414	397	321	281	24	6068	20	5509
N C	460	474	395	301	19	6144	18	5806
N DAK	47	44	32	23	5	723	4	747
OHIO	801	650	464	420	39	13937	32	10399
OKLA	209	203	160	143	11	2383	11	2236
OREG	254	256	304	259	17	3046	15	3335
PA	602	513	394	368	37	7457	38	7434
S C	162	141	118	85	8	1922	8	1779
TENN	207	187	153	118	12	2379	12	2397
TEX	759	839	750	742	36	8958	33	10301
UTAH	145	146	121	99	9	1688	9	1795
VA	717	715	573	509	12	8028	12	8414
WASH	446	379	381	361	17	5544	17	5165
W VA	59	51	32	28	5	615	5	670
WIS	215	158	119	95	17	2522	14	2414
OTHER 2/	2365	2328	1827	1674	54	19670	50	27575
U S	15888	14859	12121	11112	598	186464	566	192172

1/ INCLUDES MILKSHAKE MIX. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 45--MILK SHERBET MIX  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	56	58	69	75	89	104	102	93
ARK	23	30	36	35	42	46	47	37
CALIF	212	246	282	273	336	349	401	360
COLO	20	21	29	23	20	32	33	33
FLA	87	91	106	92	96	157	133	109
GA	19	25	31	26	34	34	32	28
IDAHO	13	14	17	16	12	19	20	9
ILL	80	90	87	85	115	137	128	112
IND	89	97	146	142	157	162	138	142
IOWA	51	87	109	124	144	150	159	172
KANS	18	22	27	31	30	37	33	34
LA								
MD 1/	51	49	71	85	118	174	125	114
MASS	88	69	86	139	145	279	179	161
MICH	51	58	67	81	97	107	101	102
MISS	7	11	13	10	14	18	15	16
MO	33	37	73	49	64	73	67	65
MONT	5	3	8	3	8	6	7	5
N J	10	7	10	7	10	14	16	10
N Y	95	76	144	122	174	239	202	178
N C	40	40	53	58	72	85	80	63
N DAK	4	6	10	8	12	19	21	13
OHIO	107	115	174	174	209	248	231	182
OKLA	21	29	30	36	37	34	47	36
OREG	17	17	36	26	14	28	29	22
PA	137	147	204	230	277	368	305	291
S C	41	42	64	66	65	62	84	82
TENN	37	39	49	52	62	81	68	58
TEX	110	110	160	150	160	180	212	210
UTAH	20	21	32	30	28	40	37	36
VA	11	13	14	16	26	38	33	24
WASH	82	86	93	109	106	97	125	101
W VA	4	3	5	5	5	6	6	5
WIS	43	34	62	60	59	61	62	57
OTHER 2/	170	216	273	327	306	371	319	304
U S	1852	2009	2670	2765	3143	3855	3597	3264

SEE FOOTNOTES ON PAGE 63.

TABLE 45--MILK SHERBET MIX  
 PRODUCTION BY STATES, BY MONTHS, 1984 AND ANNUAL 1983 AND 1984

STATE	1984				ANNUAL			
	SEP	OCT	NOV	DEC	1983		1984	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	71	79	63	61	6	619	6	920
ARK	32	29	11	11	5	145	5	379
CALIF	325	272	211	190	27	3263	26	3457
COLO	21	22	16	17	8	330	8	287
FLA	109	94	159	73	11	1168	10	1306
GA	28	25	22	10	7	305	7	314
IDAHO	9	12	9	10	2	129	2	160
ILL	83	75	70	94	18	1297	16	1156
IND	104	158	94	74	11	1512	12	1503
IOWA	204	186	74	71	7	1205	7	1531
KANS	28	18	19	13	8	335	8	310
LA					9	269		
MD 1/	93	85	58	38	7	970	6	1061
MASS	113	71	87	65	17	1610	19	1482
MICH	76	62	49	74	23	1023	24	925
MISS	11	12	9	9	4	146	4	145
MO	48	44	35	38	12	635	10	626
MONT	4	3	3	3	5	59	5	58
N J	8	7	4	2	5	172	6	105
N Y	137	115	88	100	20	1561	22	1670
N C	61	49	65	33	14	812	15	699
N DAK	7	3	6	3	5	108	4	112
OHIO	149	114	120	126	27	2099	29	1949
OKLA	47	33	22	21	8	354	8	393
OREG	12	18	14	5	10	265	9	238
PA	170	154	157	148	36	2504	34	2588
S C	72	49	49	48	5	711	5	724
TENN	43	47	38	27	12	588	11	601
TEX	120	130	110	100	23	1820	21	1752
UTAH	23	17	16	17	11	322	11	317
VA	15	13	9	9	7	256	5	221
WASH	70	73	74	78	11	1072	8	1094
W VA	5	4	5	6	4	72	4	59
WIS	41	46	33	32	15	591	12	590
OTHER 2/	205	212	201	196	36	2993	46	3100
U S	2544	2331	2000	1802	436	31320	425	31832

1/ INCLUDES DISTRICT OF COLUMBIA. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED.

TABLE 46--FROZEN DAIRY PRODUCTS: PRODUCTION, HARD AND SOFT, BY STATES, 1984

STATE	TOTAL FROZEN PRODUCTS 1/					ICE CREAM				ICE MILK 3/			
	PRODUCTION		AS % OF TOTAL		AS % OF TOTAL ICE CREAM	PRODUCTION		AS % OF TOTAL ICE CREAM		PRODUCTION		AS % OF TOTAL ICE MILK	
	TOTAL	HARD	SOFT	HARD		SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT	
	1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT		
ALA	25,588	23,254	2,334	91	9	17,115		100		4,214	2,334	64	36
ALAS											537		100
ARIZ	11,514	7,360	4,154	64	36	6,268	297	95	5	602	3,596	14	86
ARK	10,739	8,156	2,583	76	24	6,106	39	99	1	1,150	2,216	34	66
CALIF	141,489	119,160	22,329	84	16	106,689		100		6,756	22,329	23	77
COLO	15,447	10,672	4,775	69	31	9,592		100		632	4,775	12	88
CONN													
FLA	53,528	36,741	16,787	69	31	30,824	4,100	88	12	4,046	12,538	24	76
GA	18,925	9,211	9,714	49	51	8,015	128	98	2	691	9,567	7	93
HAW													
IDAHO	6,263	5,261	1,002	84	16	4,751		100		253	1,002	20	80
ILL	54,895	36,237	18,658	66	34	32,420	440	99	1	2,063	17,496	11	89
IND	35,580	30,591	4,989	86	14	27,332		100		1,696	4,488	27	73
IOWA	28,396	24,191	4,205	85	15	18,613	134	99	1	2,990	4,071	42	58
KANS	13,811	10,455	3,356	76	24	8,098	75	99	1				
KY													
LA	15,512	10,752	4,760	69	31	9,747	32	100		407	4,728	8	92
MAINE													
MD 4/	21,358	14,891	6,467	70	30	12,905	859	94	6				
MASS	56,819	49,477	7,342	87	13	44,430	2,432	95	5	2,915	4,887	37	63
MICH	42,879	34,770	8,109	81	19	31,324	74	100		2,045	7,961	20	80
MINN	47,667	39,485	8,182	83	17	37,342		100					
MISS	7,728	5,210	2,518	67	33	4,424	20	100		558	2,498	18	82
MO	30,466	24,279	6,187	80	20	20,207	450	98	2	3,053	5,664	35	65
MONT	3,120	2,253	867	72	28	1,984		100		150	867	15	85
NEBR													
NEV													
N H													
N J										37	4,086	1	99
N MEX													
N Y	59,555	43,589	15,966	73	27	39,836	6,630	86	14	1,142	9,167	11	89
N C	38,425	33,439	4,986	87	13	28,773		100		3,609	4,986	42	58
N DAK	3,380	2,474	906	73	27	2,233		100		58	906	6	94
OHIO	68,502	46,712	21,790	68	32	42,462	4,806	90	10	1,782	16,449	98	2
OKLA	14,054	12,729	3,325	79	21	11,068	24	100		909	3,278	22	78
OREG	14,858	10,107	4,841	67	33	9,185	68	99	1	315	4,773	6	94
PA	98,996	84,525	14,471	85	15	76,675	3,575	96	4	4,173	10,728	39	61
R I													
S C	16,197	14,447	1,750	89	11	11,428		100		1,902	1,750	52	48
S DAK													
TENN	25,623	21,969	3,654	86	14	18,911	224	99	1	2,125	3,411	38	62
TEX	66,856	52,050	14,806	78	22	44,880	18	100		1,760	14,165	11	89
UTAH	11,066	8,903	2,163	80	20	7,976	132	98	2	427	2,024	17	83
VT													
VA	20,453	13,794	6,659	67	33	12,880		100		604	6,633	8	92
WASH	26,746	19,037	7,709	71	29	16,591	909	95	5	1,292	6,512	83	17
W VA	5,286	3,328	1,958	63	37	2,793		100		370	1,958	16	84
WIS	28,062	22,147	5,915	79	21	19,813	2,418	89	11	1,435	3,479	29	71
WYO													
OTH STS 2/	96,894	65,666	31,228	68	32	61,249	10,702	85	15	5,071	32,533	13	87
U S	1,238,677	957,232	281,445	77	23	844,939	38,586	96	4	61,232	238,392	20	80

SEE FOOTNOTES ON PAGE 65.

TABLE 46--FROZEN DAIRY PRODUCTS: PRODUCTION, HARD AND SOFT, BY STATES, 1984

STATE	MILK SHERBET				MELLORINE				PERCENT TOTAL SOFT PRODUCTS SOLD AS:			
	PRODUCTION		AS % OF TOTAL		PRODUCTION		AS % OF TOTAL		ICE	ICE	MILK	MELLORINE
	HARD	SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT	CREAM:	MILK	SHERBET:	
	1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT		PERCENT			
ALA												100
ALAS												100
ARIZ									7		87	6
ARK	281	326	46	54	619	2	100		1		86	13
CALIF	5,050		100		665		100				100	
COLO	448		100								100	
CONN									12		88	
FLA									24		75	1
GA									1		98	1
HAW											100	
IDAHO	257		100								100	
ILL	1,716	44	98	2	38	678	5	95	2		94	4
IND	1,563	501	76	24							90	10
IOWA									3		97	
KANS	474	18	4	4					2		97	1
KY									5		94	1
LA									1		99	
MAINE									14		86	
MD 4/	1,314	71	95	5					13		86	1
MASS	2,132	23	99	1					33		67	
MICH	1,401	24	98	2					1		99	
MINN											98	2
MISS	228		100						1		99	
MO									7		92	1
MONT											100	
NEBR											100	
NEV									10		87	3
N H									30		68	2
N J	144	26	85	15					69		31	
N MEX											95	5
N Y	2,256	169	93	7	355		100		42		57	1
N C	1,057		100								100	
N DAK	183		100								100	
OHIO	2,468	535	82	18					22		75	3
OKLA	637		100		115	23	83	17	1		99	
OREG									1		99	
PA	3,677	168	96	4					25		74	1
R I									9		91	
S C	1,117		100								100	
S DAK											100	
TENN									6		93	1
TEX	2,560	120	96	4	2,850	503	85	15			96	1
UTAH	500	7	99	1					6		94	3
VT									52		48	
VA											100	
WASH									12		84	4
W VA	165		100								100	
WIS	899	18	98	2					41		59	
WYO									2		98	
OTH STS 2/	13,943	772	95	5	1,949	439	82	18				
U S	44,470	2,822	94	6	6,591	1,645	80	20	14		85	1

1/ INCLUDES ICE CREAM, ICE MILK, MILK SHERBET, AND MELLORINE. 2/ STATES NOT SHOWN WHEN LESS THAN 3 PLANTS REPORTED OR INDIVIDUAL PLANT OPERATIONS MIGHT BE DISCLOSED. 3/ INCLUDES FREEZER-MADE MILKSHAKE. SEE FOOTNOTES ON TABLE 37. 4/ INCLUDES DISTRICT OF COLUMBIA. 5/ INCLUDED IN "OTHER STATES" TOTAL FOR COMPUTATION PURPOSES.

TABLE 47--WHOLE MILK EQUIVALENT USED IN MANUFACTURED DAIRY PRODUCTS: CALCULATED QUANTITIES USED IN SPECIFIED PRODUCTS, ON A WHOLE MILK BASIS, BY STATES, 1984 1/

STATE	BUTTER	CHEESE		EVAPORATED AND:	CONDENSED	CONDENSED
		AMERICAN	OTHER THAN AMERICAN	CONDENSED WHOLE MILK CASE	WHOLE MILK (UNSWEETENED) BULK	WHOLE MILK (SWEETENED) BULK
1,000 POUNDS						
ALA						
ARIZ						
ARK						
CALIF	4,464,185	1,119,419	947,697			
COLO						
CONN			23,548			
DEL						
FLA						
GA						
IDAHO	249,008	1,038,970				
ILL			707,641			
IND	343,289	440,837				
IOWA	247,263	1,050,862				
KANS	213,951	243,881				
KY		243,770				
LA						
MAINE	3,137					
MD						
MASS						
MICH	978,179	154,982				
MINN	3,366,301	4,976,013				
MISS		104,555				
MO	504,781	569,438				
MONT	41,039					
NEBR	644,477	203,188	215,523			
NEV						
N H						
N J						
N MEX						
N Y	880,519	763,571	1,931,339		77,869	
N C						
N DAK	111,713	530,708				
OHIO	372,339	355,372		160,511		
OKLA						
OREG	293,147	295,028				
PA	1,417,908		591,413		81,766	
R I						
S C						
S DAK	85,644	937,448				
TENN		105,476				
TEX						
UTAH	148,366	543,500				
VT		254,871				
VA		45,055				
WASH	1,600,519	281,715	79,399			
W VA						
WIS	6,029,198	10,474,801	3,779,679		205,027	136,979
WYO			65,348			
U S 4/	24,877,244	26,402,785	12,314,793	1,419,006	543,739	179,747

SEE FOOTNOTES ON PAGE 67.

TABLE 47--WHOLE MILK EQUIVALENT USED IN MANUFACTURED DAIRY PRODUCTS: CALCULATED QUANTITIES USED IN SPECIFIED PRODUCTS, ON A WHOLE MILK BASIS, BY STATES, 1984 1/

STATE	DRY WHOLE MILK	ICE CREAM AND OTHER FROZEN PRODUCTS	OTHER MILK PRODUCTS	TOTAL 2/	DUPLICATIONS	NET TOTAL 3/
1,000 POUNDS						
ALA		288,038	3,177	317,093	72,161	244,932
ALAS				4,347	71	4,276
ARIZ		133,768		609,971	22,291	587,680
ARK		107,640		290,309	17,515	272,794
CALIF		1,812,275	130,225	8,682,312	441,357	8,240,955
COLO		188,950	17,928	220,386	8,253	212,133
CONN				551,774	18,806	532,968
DEL				15,395	1,635	13,760
FLA		639,032		645,271	200,809	444,462
GA		196,456		226,604	25,655	200,949
HAW				48,716	17,687	31,029
IDAHO		82,810	4,132	1,715,939	123,411	1,592,528
ILL		560,884	87,640	1,554,650	176,084	1,378,566
IND		400,508	34,358	1,303,645	85,896	1,217,749
IOWA		352,548	18,103	2,424,874	169,677	2,255,197
KANS		158,120	16,649	702,765	28,997	673,768
KY			70,299	928,878	31,639	897,239
LA		182,125		190,488	7,138	183,350
MAINE				51,575	4,729	46,846
MD		231,826		839,911	76,306	763,605
MASS		729,786		778,446	207,118	571,328
MICH		506,250	35,761	1,899,764	70,552	1,829,212
MINN		543,260		9,580,479	432,414	9,148,065
MISS		83,626		264,885	11,090	253,795
MO		337,650	35,546	2,212,907	70,673	2,142,234
MONT		36,067	7,500	120,648	7,133	113,515
NEBR		131,555	6,461	1,201,204	80,081	1,121,123
NEV				36,190	1,178	35,012
N H				30,372	8,294	22,078
N J		432,228		838,638	52,161	786,477
N MEX				69,354	2,521	66,833
N Y		775,957	143,087	5,087,915	509,939	4,577,976
N C		477,763	6,739	712,588	209,595	502,993
N DAK		37,348	4,669	684,438	52,934	631,504
OHIO		768,979	48,763	2,233,007	181,457	2,051,550
OKLA		201,727	12,340	476,196	34,864	441,332
OREG		166,374	15,280	805,536	35,291	770,245
PA		1,237,772	64,185	4,270,144	154,880	4,115,264
R I				26,438	6,233	20,205
S C		192,242		192,603	81,315	111,288
S DAK				1,213,147	95,091	1,118,056
TENN		299,864	11,378	1,098,690	64,454	1,034,236
TEX		756,489	25,899	1,450,123	76,416	1,373,707
UTAH		143,239		1,079,121	126,352	952,769
VT				729,241	87,263	641,978
VA		229,919	16,721	504,837	55,861	448,976
WASH		311,393	30,820	2,305,513	47,250	2,258,263
W VA		55,447		56,775	1,877	54,898
WIS		324,866	447,166	21,406,887	1,224,561	20,182,326
WYO				128,588	10,080	118,508
U S 4/	879,569	14,782,727	1,419,967	82,819,577	5,529,045	77,290,532

1/ PRODUCTS MANUFACTURED IN EACH STATE DO NOT NECESSARILY SHOW UTILIZATION OF MILK PRODUCED IN THE STATE, BECAUSE OF INTERSTATE SHIPMENTS OF MILK. NO ADJUSTMENT HAS BEEN MADE FOR SHIPMENTS OF MILK AND CREAM BETWEEN STATES DIFFERING IN THE TEST OF MILK PRODUCED. 2/ MILK EQUIVALENT OF OTHER DAIRY PRODUCTS, INCLUDING ITEMS PRODUCED BY LESS THAN 3 PLANTS. 3/ NET TOTAL ACCOUNTS FOR FAT RECOVERED FROM WHEY CREAM AND USED FOR MAKING BUTTER, AND THE AMOUNT OF FAT FROM BUTTER AND CONDENSED MILK USED IN MAKING ICE CREAM. 4/ STATES DO NOT ADD TO U S TOTAL. INCLUDES MILK EQUIVALENT FOR STATES NOT SHOWN SEPARATELY.

TABLE 48--SKIM MILK EQUIVALENTS: CALCULATED QUANTITIES USED IN SPECIFIED SKIM MILK AND BUTTERMILK PRODUCTS, BY STATES, 1984 1/

STATE	COTTAGE CHEESE CURD	SWEETENED CONDENSED SKIM MILK, BULK	UNSWEETENED CONDENSED SKIM MILK, BULK	DRY		OTHER PRODUCTS	TOTAL 3/
				BUTTER- MILK	NONFAT MILK 2/		
1,000 POUNDS							
ALA	11,056						11,056
ARIZ							
ARK							
CALIF	566,769		524,379		3,007,631	45,510	4,202,504
COLO							
CONN	21,869			6,193			
DEL							
FLA							
GA							
IDAHO	10,944				232,749		245,783
ILL	151,100						151,100
IND	114,969		240,396				533,807
IOWA	70,888						912,980
KANS	58,875						201,438
KY	133,194				2,783		148,578
LA							
MAINE							
MD 4/							
MASS							
MICH	128,375						1,475,069
MINN				153,318	1,756,535		2,004,318
MISS							
MO	129,875						308,701
MONT	26,419						26,419
NEBR							147,393
NEV							
N H							
N J							
N MEX							
N Y	646,031		201,813	17,017	543,906		1,426,512
N C	20,625						20,625
N DAK	22,075			2,464	60,874		85,413
OHIO	149,800		174,342		314,116	3,138	647,672
OKLA	43,094						
OREG	57,131						
PA	259,588		184,059		404,272		864,283
R I							
S C							
S DAK							
TENN	43,563						76,244
TEX	97,913						371,525
UTAH	35,319						
VT							
VA	65,550						218,748
WASH	118,344						
W VA							
WIS	195,225		284,520		1,127,104	76,689	1,909,547
U S 5/	3,771,851	154,029	2,410,923	435,006	12,833,843	167,802	19,773,454

1/ TOTALS SHOWN EXCLUDE SKIM-MILK AND BUTTERMILK SOLD IN FLUID FORM OR USED FOR SOME MINOR PRODUCTS. PRODUCTS INCLUDED AND CONVERSION FACTORS FOR CONVERTING TO A SKIM-MILK EQUIVALENT BASIS ARE: COTTAGE CHEESE CURD, 6.25; DRY BUTTERMILK AND NONFAT DRY MILK, 11; CASE AND BULK SWEETENED CONDENSED SKIMMILK, BULK UNSWEETENED CONDENSED SKIM-MILK, AND CONDENSED OR EVAPORATED BUTTERMILK, 3.0. 2/ INCLUDES DRY SKIM-MILK FOR ANIMAL FEED. 3/ STATE TOTALS INCLUDE ITEMS PRODUCED BY LESS THAN 3 PLANTS. THESE ARE INCLUDED IN THE PROPER COLUMNS IN U S TOTALS. 4/ INCLUDES DISTRICT OF COLUMBIA. 5/ STATES DO NOT ADD TO U S TOTAL WHICH INCLUDES MILK EQUIVALENT FOR STATES NOT SHOWN SEPARATELY.

TABLE 49--NET WHOLE MILK EQUIVALENTS USED IN MANUFACTURED DAIRY PRODUCTS: TOTAL AND PERCENTAGE DISTRIBUTION BY MAJOR PRODUCTS, UNITED STATES, 1974-84

YEAR	TOTAL	PERCENTAGE DISTRIBUTION					OTHER MILK PRODUCTS	TOTAL
		BUTTER	ALL WHOLE MILK AND PART SKIM CHEESE	EVAPORATED, DRY AND CONDENSED MILK	ICE CREAM AND OTHER FROZEN PRODUCTS	OTHER MILK PRODUCTS		
	MILLION POUNDS	PERCENT						
1974	61,327	31.5	41.9	4.6	18.2	3.8	100.0	
1975	60,524	32.8	39.5	4.5	19.7	3.5	100.0	
1976	64,673	30.0	44.5	3.9	18.0	3.6	100.0	
1977	67,068	32.6	43.0	3.6	17.4	3.4	100.0	
1978	65,944	29.9	45.4	3.4	17.8	3.5	100.0	
1979	67,504	28.7	46.7	3.4	17.3	3.9	100.0	
1980	73,327	30.8	45.8	3.7	16.1	3.6	100.0	
1981	77,916	31.6	46.9	3.8	15.4	2.3	100.0	
1982	80,583	31.0	48.3	3.7	15.0	2.0	100.0	
1983	83,991	30.7	48.8	3.6	15.0	1.9	100.0	
1984	77,291	27.8	50.1	3.9	16.4	1.8	100.0	

TABLE 50--SKIM MILK EQUIVALENTS OF CERTAIN SKIM-MILK AND BUTTERMILK PRODUCTS, UNITED STATES, 1974-84

YEAR	COTTAGE CHEESE CURD	CONDENSED AND EVAPORATED SKIM MILK	NON-FAT DRY MILK	CONDENSED AND DRIED BUTTERMILK	TOTAL 1/
	MILLION POUNDS				
1974	4,310	2,195	11,281	547	18,334
1975	4,381	2,278	11,103	546	18,389
1976	4,445	2,349	10,253	578	17,720
1977	4,278	2,563	12,260	677	19,777
1978	4,303	2,317	10,196	642	17,458
1979	4,150	2,243	10,063	614	17,070
1980	4,158	2,195	12,844	482	19,847
1981	4,047	2,179	14,543	605	21,374
1982	3,921	2,102	15,514	578	22,125
1983	3,862	2,226	16,612	665	23,365
1984	3,772	2,619	12,834	549	19,774

1/ INCLUDES OTHER SKIM MILK MINOR PRODUCTS.

TABLE 51--NUMBER OF DAIRY PLANTS MANUFACTURING ONE OR MORE DAIRY PRODUCTS, 1980-84

STATE	1980	1981	1982	1983	1984
ALA	19	19	19	14	17
ALAS	2	2	3	3	2
ARIZ	13	12	12	10	8
ARK	14	13	13	13	10
CALIF	263	259	258	255	267
COLO	28	26	23	21	21
CONN	35	33	21	29	24
DEL	1	1	1	1	1
FLA	24	24	24	22	21
GA	20	21	18	19	19
HAW	5	5	5	5	5
IDAHO	25	24	24	24	21
ILL	86	80	78	79	83
IND	41	42	41	40	25
IOWA	56	51	46	40	44
KANS	30	27	26	25	23
KY	34	30	31	32	34
LA	25	25	25	25	22
MAINE	19	18	14	14	17
MD 1/	19	19	18	18	18
MASS	47	46	32	38	37
MICH	65	64	58	60	58
MINN	88	83	83	77	74
MISS	23	22	20	19	19
MO	42	44	43	43	41
MONT	19	19	19	19	19
NEBR	28	24	23	20	21
NEV	3	3	3	3	3
N H	9	6	4	6	8
N J	34	33	32	29	28
N MEX	5	4	4	4	3
N Y	164	147	149	164	171
N C	25	24	24	24	24
N DAK	24	21	20	17	17
OHIO	107	98	95	96	85
OKLA	20	18	17	17	17
OREG	26	26	26	24	21
P A	104	96	95	90	90
R I	13	12	5	10	8
S C	9	9	9	9	9
S DAK	27	25	26	25	24
TENN	31	33	32	39	37
TEX	46	49	51	51	45
UTAH	23	24	24	24	25
VT	21	23	19	21	21
VA	19	22	21	21	18
WASH	34	34	31	29	26
W VA	10	10	10	8	8
WIS	425	419	394	438	414
WYO	7	7	7	6	6
U S	2,257	2,176	2,076	2,120	2,059

1/ INCLUDES DISTRICT OF COLUMBIA.



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

**OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE, \$300**



Postage and Fees Paid  
United States  
Department of Agriculture  
AGR-101

To stop mailing  or to change your  
address  send this sheet with label  
in tact, showing new address, to Crop  
Reporting Board Publications, SRS, U.S.  
Dept. of Agriculture, Rm 829 South  
Building, 14th & Independence Ave. S.W.,  
Wash., D.C. 20250.