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Department of
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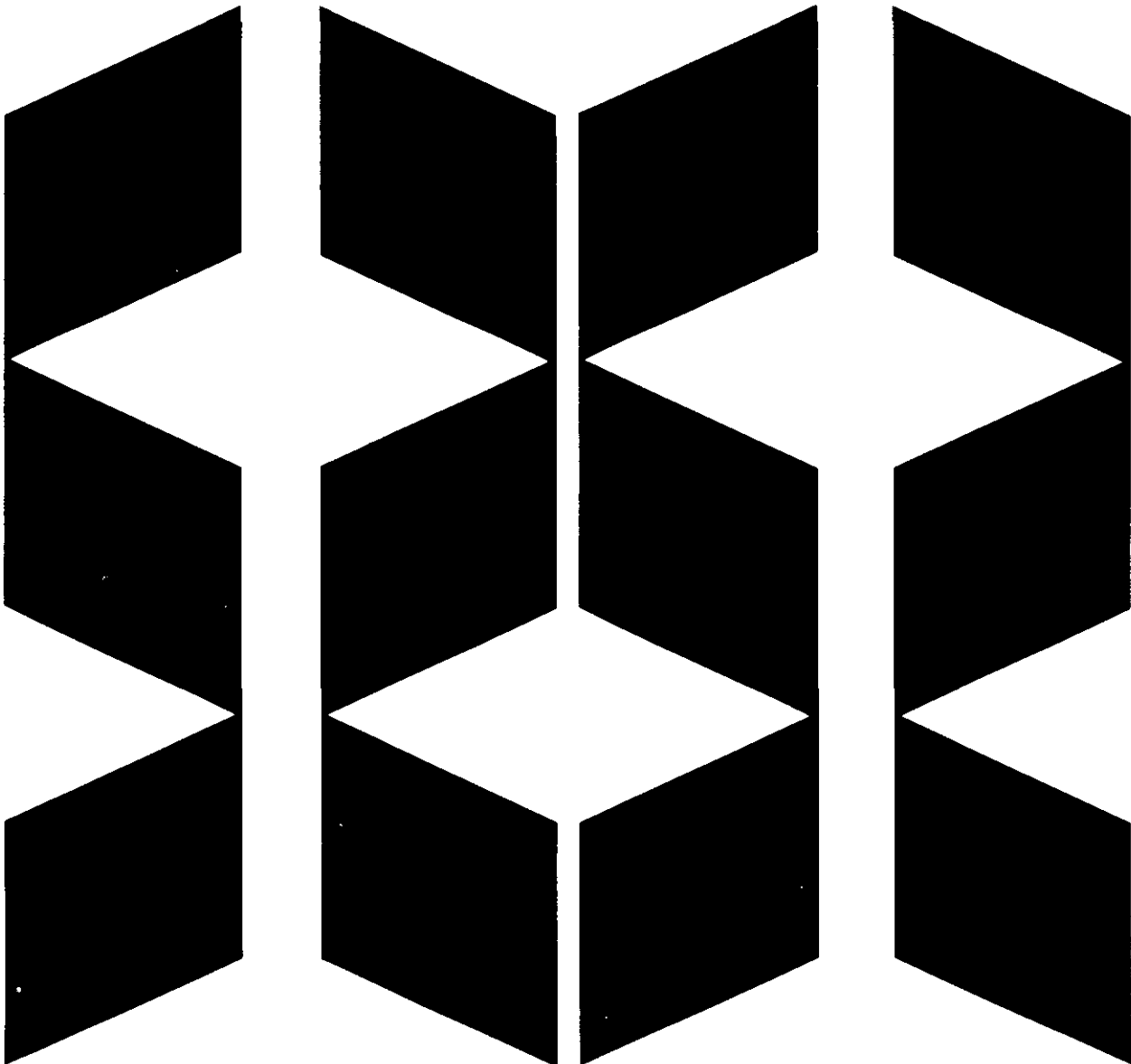
Washington, D.C.

May 7, 1984

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Dairy Products

1983 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, 1982 AND 1983	6-13
PRODUCTION OF MANUFACTURED DAIRY PRODUCTS: BY STATES, BY MONTHS, 1983:	
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, 1976-83	27
FROZEN DAIRY PRODUCTS: HARD AND SOFT, BY STATES, 1983	64
MILK EQUIVALENTS, BY STATES, 1983:	
WHOLE MILK EQUIVALENTS	66
SKIM MILK EQUIVALENTS	68
NET WHOLE MILK EQUIVALENTS, UNITED STATES, 1973-83	69
SKIM MILK EQUIVALENTS, UNITED STATES, 1973-83	69
NUMBER OF DAIRY PLANTS MANUFACTURING ONE OR MORE DAIRY PRODUCTS ..	70

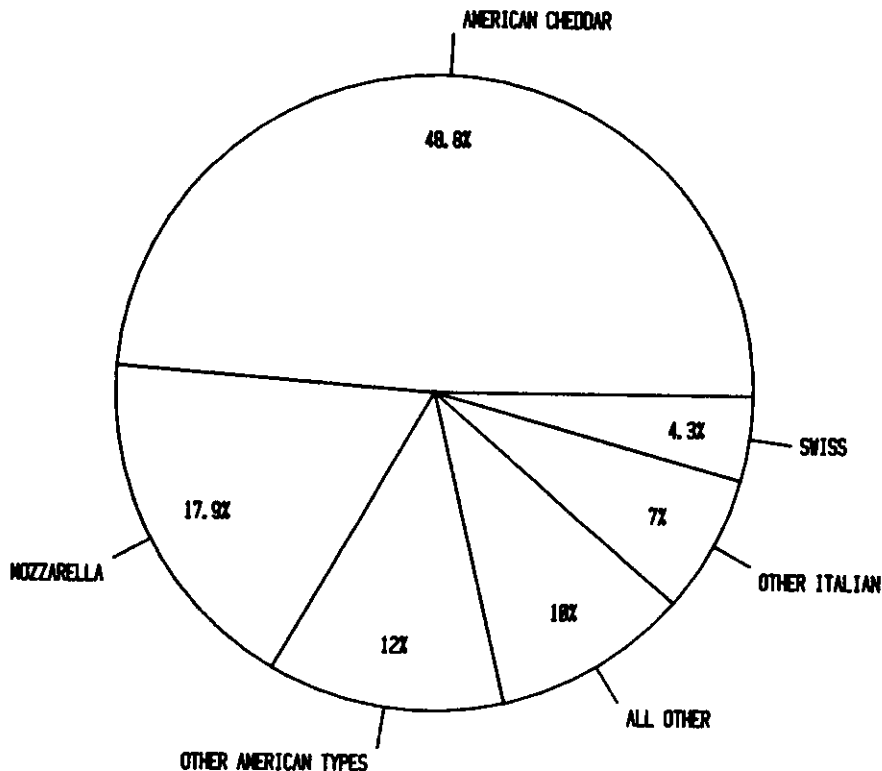
BUTTER PRODUCTION HIGHER IN 1983

Production of butter in the United States during 1983 totaled 1.30 billion pounds (589 thousand metric tons), 3 percent above the 1982 production. Wisconsin, the leading State in production, accounted for 23 percent of production, California ranked second with 15 percent.

CHEESE OUTPUT UP 6 PERCENT

Total cheese production, excluding cottage cheese, continued its upward trend in 1983, reaching a record high 4.82 billion pounds (2.19 million metric tons), 6 percent above 1982. Wisconsin was the leading State with 36 percent of production followed by Minnesota with 12 percent and New York with 8 percent.

CHEESE PRODUCTION 1983



American type cheese production at 2.93 billion pounds (1.33 million metric tons) was 6 percent above 1982 production and accounted for 61 percent of the total cheese produced in 1983. Cheddar increased 9 percent to 2.35 billion pounds (1.07 million metric tons) while other American varieties declined 3 percent.

Italian varieties continued their steady increase to a record 1.20 billion pounds, (544 thousand metric tons), 10 percent above the 1982 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 with 32 percent of all Italian cheese production.

Creamed cottage cheese continued to decline in 1983, down 1 percent from 1982 and totaled 742 million pounds (337 thousand metric tons). Lowfat production was also down 1 percent to 216 million pounds (97.9 thousand metric tons).

Frozen Dairy Products. Ice cream production totaled 879 million gallons, (3.33 billion liters) 3 percent above 1982. Ice milk production increased 5 percent to 295 million gallons (1.12 billion liters). Milk sherbet at 47.6 million gallons (180 million liters) was up 5 percent. Mellorine production was up 1 percent to 10.2 million gallons (38.6 million liters). The 268 million gallons (1.02 billion liters) of soft frozen products (ice cream, ice milk, sherbet, and mellorine) made during 1983 accounted for 21 percent of the total frozen dairy products. Ice milk made up the major portion (86 percent) of soft production. Soft frozen dairy products are sold from direct-serve soft freezer and milk shake machines.

Nonfat Dry Milk up 7 Percent. Nonfat dry milk for human food production at 1.50 billion pounds (680 thousand metric tons) was up 7 percent from the 1982 production. Dry buttermilk production was up 20 percent to 46.5 million pounds (21.1 thousand metric tons).

Whole Milk Used for Dairy Products. Manufactured dairy products used 61.0 percent of all milk marketed in the United States during 1983 compared with 60.4 percent in 1982. Whole milk used for manufacturing products based on milk-fat content totaled 84.0 billion pounds (38.1 million metric tons), 4 percent more than the previous year.

The equivalent whole milk used for butter production in 1983 (excluding butter made from whey cream) totaled 25.8 billion pounds (11.7 million metric tons). Butter accounted for 31 percent of the total milk used for all products during 1983 the same as 1982.

TABLE 1: MILK MARKETINGS AND UTILIZATION FOR MANUFACTURED DAIRY PRODUCTS, UNITED STATES, 1964-83

MILK MARKETED			MILK MARKETED		
YEAR	TOTAL	USED FOR DAIRY PRODUCTS	YEAR	TOTAL	USED FOR DAIRY PRODUCTS
	MIL LBS	PERCENT		MIL LBS	PERCENT
1964	120,478	53.6	1974	112,385	54.6
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	120,942	55.8
1970	112,999	53.1	1980	126,187	58.1
1971	114,814	53.7	1981 1/2	130,709	59.6
1972	116,487	53.5	1982	133,441	60.4
1973	112,141	52.3	1983	137,619	61.0

1/ CORRECTED.

WHOLE MILK USED IN MANUFACTURING DAIRY PRODUCTS

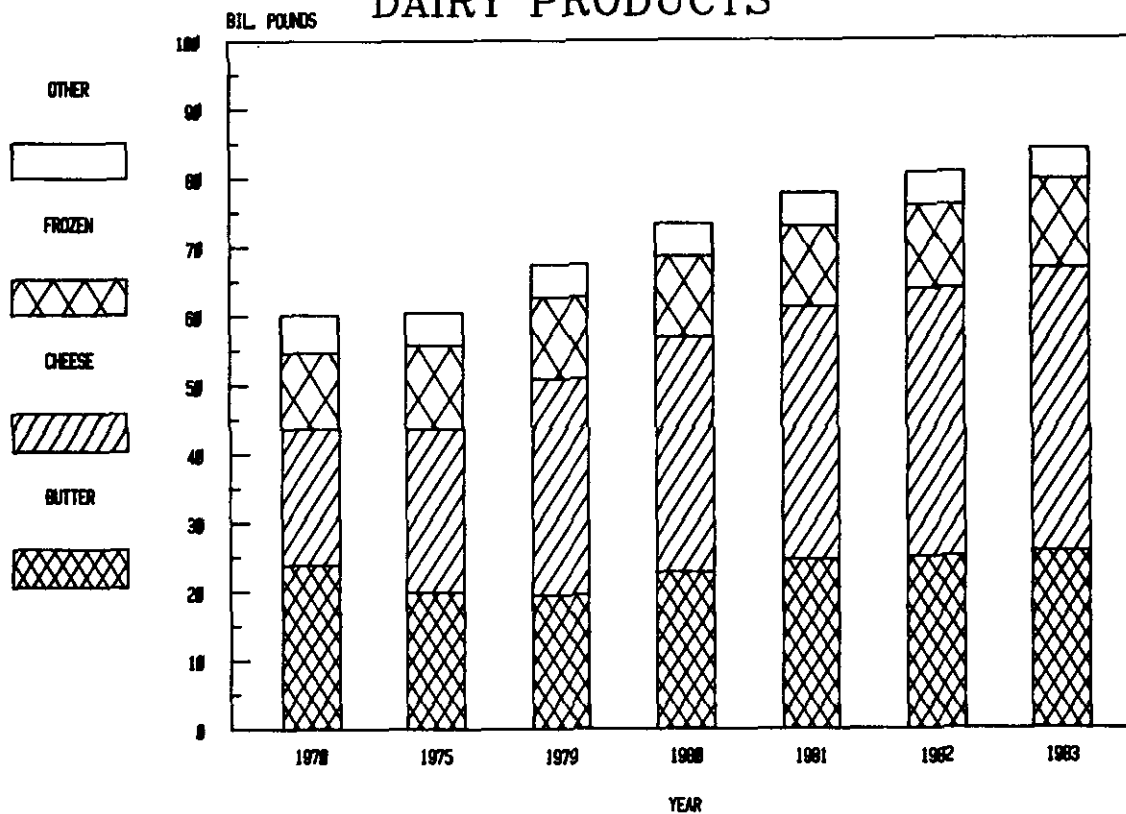


TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1982, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
BUTTER	231	127253	115921	123417		334023	
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	373	168724	157357	186579		602696	
OTHER AMERICAN 1/	234	50900	48065	50525		156700	
TOTAL AMER.	457	219624	205422	237104		759396	
PART SKIM	3	281	609	891		1951	
SWISS	63	17944	15944	18472		60948	
MUNSTER	53	5476	5281	5761		18612	
BRICK	47	1102	1096	1172		3699	
LIMBURGER	2	85	88	86		243	
ITALIAN VARIETIES:							
MOZZARELLA	141	55312	53657	64551		190264	
OTHER ITALIAN	124	24516	24611	30290		78678	
TOTAL ITALIAN:	179	79828	78268	94841		268942	
CREAM	21	17113	15375	22467		55790	
NEUFCHATEL	6	449	219	366		1309	
BLUE 2/	10	2429	2204	2530		8659	
ALL OTHER TYPES 3/	84	6996	6544	7967		23382	
TOTAL CHEESE 4/	697	351327	331050	391657		1202931	
COTTAGE CHEESE:							
CURD 5/	248	49930	51577	59109		167916	
CREAMED 6/	247	58560	60663	68970		197424	
LOWFAT 7/	155	15952	17562	20461		61240	
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	18	58703	53367	61650		195638	
EVAPORATED SKIM	7	1666	2263	1512		3490	
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	9	4853	4744	5852		18339	
UNSWEETENED	26	13329	16612	20353		62514	
SKIM							
SWEETENED	7	3192	3551	4793		13493	
UNSWEETENED	86	41270	38336	50000		181538	
CONDENSED OR							
EVAPORATED							
BUTTERMILK	13	3631	3729	4224		12885	
DRY MILK:							
DRY WHOLE MILK	15	9166	7712	9282		29372	
NONFAT DRY MILK							
FOR HUMAN FOOD	108	111760	107905	127531		417542	
DRY SKIM MILK							
FOR ANIMAL FEED:	71	574	610	808		3168	
DRY BUTTERMILK	49	4820	3938	3910		10020	

SEE FOOTNOTES ON PAGE 7.

TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1982, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
BUTTER		256373			299977		1256964
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR		529967			512153		2157476
OTHER AMERICAN 1/:		143257			145375		594822
TOTAL AMER.		673224			657528		2752298
PART SKIM		1666			1530		6928
SWISS		56688			51089		221085
MUNSTER		18069			18482		71681
BRICK		3696			3486		14251
LIMBURGER		555			399		1456
ITALIAN VARIETIES :							
MOZZARELLA		193330			205372		762486
OTHER ITALIAN		80122			87078		325295
TOTAL ITALIAN:		273452			292450		1087781
CREAM		62146			84353		257244
NEUFCHATEL		1243			1950		5536
BLUE 2/		7538			7653		31013
ALL OTHER TYPES 3/:		23055			24452		92396
TOTAL CHEESE 4/:		1121332			1143372		4541669
COTTAGE CHEESE:							
CURD 5/		159151			141266		628949
CREAMED 6/		191177			172075		748869
LOWFAT 7/		54720			47637		217572
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/		183976			181587		734921
EVAPORATED SKIM		3750			6850		19531
BULK CONDENSED MILK:							
WHOLE							
SWEETENED		19547			16304		69639
UNSWEETENED		63648			47433		223889
SKIM							
SWEETENED		13284			10835		49148
UNSWEETENED		170702			150287		632133
CONDENSED OR							
EVAPORATED							
BUTTERMILK		14930			11470		50869
DRY MILK:							
DRY WHOLE MILK		22367			24327		102226
NONFAT DRY MILK							
FOR HUMAN FOOD :		338960			296757		1400455
DRY SKIM MILK							
FOR ANIMAL FEED:		2853			1718		9731
DRY BUTTERMILK		6131			9813		38632

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, 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/	86	8291	6213	7236	7143	6773	7668
TOTAL CHEESE 4/	696	384750	359303	425258	413053	439421	444695
COTTAGE CHEESE:							
CURD 5/	240	51317	49357	55580	52153	55124	54607
CREAMED 6/	238	59533	57384	64569	61988	65578	64429
LOWFAT 7/	147	17325	17865	19564	18985	20111	19462
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	13027	13770	16771	17183	16161	18971
SKIM							
SWEETENED	8	3859	3388	4616	3823	4175	4569
UNSWEETENED	79	50810	45039	55342	52619	61823	66336
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 9.

TABLE 3--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1983

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1982
1,000 POUNDS								
BUTTER	91418	84634	84686	100493	98140	109610	1299247	103.4
CHEESE TYPES:								
AMERICAN VARIETIES:								
CHEDDAR	213351	184478	164805	175811	170239	190137	2351395	109.0
OTHER AMERICAN 1/	47399	44275	44631	46835	47569	46687	576242	96.9
TOTAL AMER.	260750	228753	209436	222646	217808	236824	2927637	106.4
PART SKIM	292	507	351	256	234	340	4115	59.4
SWISS	16750	18402	17578	18319	16158	18548	209467	94.7
MUNSTER	5409	5776	5853	6526	5912	6324	69599	97.1
BRICK	1089	1342	1255	1271	1221	1205	14157	99.3
LIMBURGER	89	78	91	88	118	94	1149	78.9
ITALIAN VARIETIES:								
MOZZARELLA	65930	72081	76689	76528	73644	77610	861592	113.0
OTHER ITALIAN	24379	26199	26549	29342	30395	31427	338612	104.1
TOTAL ITALIAN	90309	98280	103238	105870	104039	109037	1200204	110.3
CREAM	17228	17346	24453	24911	31996	32207	265975	103.4
NEUFCHATEL	306	291	312	284	251	357	4018	72.6
BLUE 2/	2546	2702	2750	2885	2659	2711	31496	101.6
ALL OTHER TYPES 3/	7371	7854	7653	8841	7841	7748	90632	98.1
TOTAL CHEESE 4/	402139	381331	372970	391897	388237	415395	4818449	106.1
COTTAGE CHEESE:								
CURD 5/	52035	55420	52359	50078	46817	43072	617919	98.2
CREAMED 6/	63974	67006	65081	60791	58386	53554	742273	99.1
LOWFAT 7/	17937	19491	18167	16904	15887	14044	215742	99.2
CANNED MILK:								
EVAPORATED AND COND. WHOLE 8/	58445	56442	52296	53223	60167	63206	694185	94.5
EVAPORATED SKIM	1097	1380	1612	1889	1293	1660	16038	82.1
BULK CONDENSED MILK:								
WHOLE								
SWEETENED	5450	6670	7170	7008	7107	5487	74704	107.3
UNSWEETENED	18223	20626	16252	16897	14885	13751	196517	87.8
SKIM								
SWEETENED	4060	5131	5142	3997	3756	4634	51150	104.1
UNSWEETENED	62045	64152	60434	58000	50909	47208	674717	106.7
CONDENSED OR EVAPORATED BUTTERMILK	3840	5132	6049	5206	3362	2831	51011	100.3
DRY MILK:								
DRY WHOLE MILK	7805	9252	9374	10182	10507	9865	111209	108.8
NONFAT DRY MILK								
FOR HUMAN FOOD	143371	125337	102082	102729	99401	111082	1499902	107.1
DRY SKIM MILK								
FOR ANIMAL FEED:	1040	1069	927	460	491	1386	10324	106.1
DRY BUTTERMILK	3133	2541	2926	3113	3300	4256	46497	120.4

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, 1982, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM 1/	884	50820	58882	75093		236121	
ICE MILK 1/ 2/	524	14686	17288	23696		84346	
MILK SHERBET 1/	608	2607	2681	3828		13858	
OTHER FROZEN							
DAIRY PRODUCTS 1/	146	1482	1691	2434		7935	
MELLORINE TYPE							
FROZEN DESSERTS 1/	67	579	666	896		3049	
WATER ICES 1/	212	1485	1970	2923		13053	
MIX FOR PRODUCTS:							
ICE CREAM MIX	627	25810	29777	37854		120756	
ICE MILK MIX 3/	637	8988	10729	14987		54622	
MILK SHERBET MIX	463	1727	1766	2434		9008	
MELLORINE MIX	78	373	407	542		1795	

SEE FOOTNOTES ON PAGE 11.

TABLE 5--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1982, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
CONDENSED WHEY							
SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	23	7868	7848	10152		23730	
ANIMAL FEED	6	2861	1305	1716		4407	
ACID TYPE:							
HUMAN FOOD							
ANIMAL FEED	7	2751	2557	1970		5011	
TOTAL COND.	32	13480	11710	13838		33148	
DRY WHEY:							
HUMAN FOOD	50	50450	46358	54541		159912	
ANIMAL FEED	69	13934	14153	14755		50549	
TOTAL DRY	80	64384	60511	69296		210461	
MODIFIED							
DRY WHEY PRODUCTS							
PART DELACTOSED							
HUMAN FOOD	11	3134	3589	5118		13334	
ANIMAL FEED	10	6211	5987	9081		21160	
PART DEMINERALIZE:							
HUMAN FOOD	1	2471	3023	2982		7884	
ANIMAL FEED							
PART DELACTOSED & DEMINERALIZED							
HUMAN FOOD	24	4149	2468	4157		16768	
ANIMAL FEED	12	1099	1977	1566		4107	
LACTOSE							
HUMAN FOOD	21	10190	9956	11420		34190	
ANIMAL FEED	7	1168	1024	1607		4614	
TOTAL LACTOSE:	22	11358	10980	13027		38804	
WHEY SOLIDS IN							
WET BLENDS							
HUMAN FOOD	12	1865	1953	2525		4779	
ANIMAL FEED	9	9599	9790	11419		29444	

SEE FOOTNOTES ON PAGE 11.

TABLE 4--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1982, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 GALLONS							
FROZEN PRODUCTS:							
ICE CREAM		245961			185195		852072
ICE MILK 2/		86332			54211		280559
MILK SHERBET		13898			8703		45575
OTHER FROZEN DAIRY PRODUCTS		6747			4769		25058
MELLORINE TYPE FROZEN DESSERTS		2910			2030		10130
WATER ICES		11993			3734		35158
MIX FOR PRODUCTS:							
ICE CREAM MIX		126817			93371		434385
ICE MILK MIX 3/		56241			35462		181029
MILK SHERBET MIX		13431			5644		34010
MELLORINE MIX		1749			1160		6026

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, 1982, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
CONDENSED WHEY SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD		23358			22586		95542
ANIMAL FEED		6582			7261		24132
ACID TYPE:							
HUMAN FOOD							
ANIMAL FEED		5119			4570		21978
TOTAL COND.		35059			34417		141652
DRY WHEY:							
HUMAN FOOD		146745			153489		611495
ANIMAL FEED		46427			39189		179007
TOTAL DRY		193172			192678		790502
MODIFIED DRY WHEY PRODUCTS							
PART DELACTOSED:							
HUMAN FOOD		11213			10931		47319
ANIMAL FEED		22580			20176		85195
PART DEMINERALIZE:							
HUMAN FOOD		7048			7702		31110
ANIMAL FEED							
PART DELACTOSED & DEMINERALIZED:							
HUMAN FOOD		13674			11945		53161
ANIMAL FEED		4736			3905		17390
LACTOSE:							
HUMAN FOOD		31798			29879		127433
ANIMAL FEED		4101			4409		16923
TOTAL LACTOSE:		35899			34288		144356
WHEY SOLIDS IN WET BLENDS							
HUMAN FOOD		4896			6131		22149
ANIMAL FEED		26034			27890		114176

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, 1983

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM 1/	862	54924	60451	79748	69874	78616	91351
ICE MILK 1/ 2/	495	16519	18347	24771	24328	29221	33190
MILK SHERBET 1/	594	2804	2864	3970	3894	4642	5465
OTHER FROZEN							
DAIRY PRODUCTS 1/	154	1079	1347	1926	1968	2006	2703
MELLORINE TYPE							
FROZEN DESSERTS 1/	73	619	725	838	863	968	1261
WATER ICES 1/	201	1675	2057	3105	3489	4892	6752
MIX FOR PRODUCTS:							
ICE CREAM MIX	599	27815	30328	39839	35702	40697	47337
ICE MILK MIX 3/	598	9949	11124	15236	15463	18538	21085
MILK SHERBET MIX	436	1807	1841	2621	2547	3096	3538
MELLORINE MIX	77	358	405	486	461	533	650

SEE FOOTNOTES ON PAGE 13.

TABLE 7--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1983

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	8	3271	3231	2936	3119	3210	2462
ANIMAL FEED	11	6312	4934	6170	5989	5464	5404
PART DEMINERALIZE:							
HUMAN FOOD	2	2691	2151	2084	2645	2377	2324
ANIMAL FEED							
PART DELACTOSED							
& DEMINERALIZED							
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 13.

TABLE 6--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, TO 1983

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1982
1,000 GALLONS								
FROZEN PRODUCTS:								
ICE CREAM	85780	91090	81289	66227	61287	58149	878786	103.1
ICE MILK 2/	32882	32784	27342	21544	17962	16207	295097	105.2
MILK SHERBET	5596	5432	4253	3035	2873	2801	47629	104.5
OTHER FROZEN								
DAIRY PRODUCTS	2337	2376	2144	1776	1081	852	21595	86.2
MELLORINE TYPE								
FROZEN DESSERTS	1097	1048	1135	819	427	394	10194	100.6
WATER ICES	5370	4740	3012	1871	1277	1198	39438	112.2
MIX FOR PRODUCTS:								
ICE CREAM MIX	45636	48570	41664	33803	30998	29361	451750	104.0
ICE MILK MIX 3/	20883	21041	17060	13737	11760	10700	186576	103.1
MILK SHERBET MIX	3694	3645	2727	2021	1871	1826	31234	91.8
MELLORINE MIX	652	670	455	451	357	276	5754	95.5

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, 1983

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1982
1,000 POUNDS								
CONDENSED WHEY								
SOLIDS CONTENT 1/								
SWEET TYPE:								
HUMAN FOOD	6983	7676	7515	9578	9614	8761	91696	96.0
ANIMAL FEED	1564	1383	1626	1784	2345	2769	25645	106.3
ACID TYPE:								
HUMAN FOOD								
ANIMAL FEED	1792	1437	1953	1206	2128	2282	19163	87.2
TOTAL COND.	10339	10496	11094	12568	14087	13812	136504	96.4
DRY WHEY:								
HUMAN FOOD	55807	53331	52050	52573	53906	56830	680368	111.3
ANIMAL FEED	19391	18602	15790	15990	15866	16483	211796	118.3
TOTAL DRY	75198	71933	67840	68563	69772	73313	892164	112.9
MODIFIED								
DRY WHEY PRODUCTS								
PART DELACTOSED								
HUMAN FOOD	2082	2043	2219	2614	2855	3240	33282	70.3
ANIMAL FEED	5129	4239	3351	3357	2143	2499	54991	64.5
PART DEMINERALIZE:								
HUMAN FOOD	3061	2812	2253	2343	2468	3054	30263	97.3
ANIMAL FEED								
PART DELACTOSED & DEMINERALIZED								
HUMAN FOOD	5833	4482	5231	5413	5562	5930	67966	127.8
ANIMAL FEED	1507	1696	1545	1368	1310	1443	18342	105.5
LACTOSE								
HUMAN FOOD	8838	8213	8070	7908	7247	8275	107790	84.6
ANIMAL FEED	2252	1881	1680	1589	1499	1535	22545	133.2
TOTAL LACTOSE	11090	10094	9750	9497	8746	9810	130335	90.3
WHEY SOLIDS IN								
WET BLENDS								
HUMAN FOOD	2274	1675	1759	1706	1558	1617	19926	90.0
ANIMAL FEED	7926	9127	9327	10102	8797	8890	104054	91.1

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	19309	16325	16726	16765	16685	14014	15056	14506
COLO								
IDAHO	1428	1072	1298	1529	1744	1757	1813	1860
IND	2261	2451	2362	2484	2363	2017	1402	1318
IOWA	2331	2045	2439	2696	2293	1915	1511	294
KANS	1708	1479	1660	1590	1792	1689	1680	1368
MICH	5750	5458	5955	5526	5729	4801	3346	2983
MINN	15602	14466	16612	16366	16804	15930	13618	13488
MO	3485	3312	3124	3444	2861	2214	2245	1847
MONT	227	175	176	175	139	109	86	89
NEBR	2408	2248	2186	2288	2968	2828	2847	2484
N Y	6310	5788	5811	6163	5755	4346	2803	2495
N DAK	461	397	464	410	429	426	409	415
OHIO	4200	3612	3804	4289	3864	2457	1725	1600
OKLA	1554	1199	1172	1031	1032	975	901	858
OREG	1326	1388	1431	966	1438	1212	1310	1312
PA	7585	6736	6961	7557	6852	6019	5064	4500
S DAK	742	636	798	748	836	731	641	704
TENN	5118	2799	3661	3511	2164	895	758	550
UTAH	826	596	756	786	711	726	486	519
WASH	5891	5230	5415	5185	5553	5305	5606	5246
WIS	35952	28520	27926	28118	27140	24836	20710	20007
OTHER 1/	14579	13287	12868	12403	11551	8454	7401	6191
U S	139053	119219	123605	124030	120703	103656	91418	84634

SEE FOOTNOTES ON PAGE 15.

TABLE 9--SWISS CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ILL	3723	3493	2944	3157	3492	4287	4046	4422
OHIO	3097	3092	3611	3496	3519	3719	3497	3159
PA	499	456	614	622	697	676	586	567
UTAH 2/	2086	1878	2151	2247	2263	2246	2339	2328
WIS	3179	2802	3003	3139	2809	2942	3094	3205
OTHER 1/	4836	4084	4620	4712	5085	4436	3188	4721
U S	17420	15805	16943	17373	17865	18306	16750	18402

SEE FOOTNOTES ON PAGE 15.

TABLE 8--BUTTER
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	14495	16707	14664	15533	18	202729	18	190785
COLO					3	3785		
IDAHO	1699	1338	1347	1208	4	14366	4	18093
IND	817	1170	1250	1884	4	17213	3	21779
IOWA	394	1035	1043	1667	6	24030	6	19663
KANS	1389	1512	1546	1413	2	14897	2	18826
MICH	3508	4965	4907	5577	9	55054	9	58505
MINN	12977	13549	13713	14449	29	179226	26	177574
MO	2286	2381	2403	2910	3	33288	3	32512
MONT	136	180	178	237	9	2191	8	1907
NEBR	2152	2262	2446	2625			3	29742
N Y	2279	2525	2384	3379	21	42883	21	50038
N DAK	358	362	475	399	7	5254	7	5005
OHIO	1933	2537	1416	1834	7	33586	7	33271
OKLA	952	1113	1402	1459	3	11722	3	13648
OREG	1225	1233	1158	1127	10	17523	9	15126
PA	4056	4894	5474	6578	13	66310	13	72276
S DAK	613	594	586	708	5	7864	5	8337
TENN	1048	2427	2520	3012	3	27329	3	28463
UTAH	609	564	485	552	7	7870	7	7616
WASH	4743	5383	5635	5503	8	56282	7	64695
WIS	20428	22698	22146	26191	30	288598	26	304672
OTHER 1/	6589	11064	10962	11365	30	144964	32	126714
U S	84686	100493	98140	109610	231	1256964	222	1299247

TABLE 9--SWISS CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ILL	3862	3477	3559	5337	9	51325	8	45799
OHIO	3268	3638	3206	3224	17	40101	16	40526
PA	523	513	485	510	5	5605	6	6748
UTAH 2/	2266	2036	1855	1886	2	23055	2	25581
WIS	2790	3374	2966	2835	20	36672	21	36138
OTHER 1/	4869	5281	4087	4756	10	64327	9	54675
U S	17578	18319	16158	18548	63	221085	62	209467

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ARK	2139	2192	2799	2960	3263	3228	2784	2414
CALIF	21433	19288	22146	22117	24204	24884	25927	25213
IDAHO	10290	9854	10742	10793	11393	11800	11936	11817
ILL	7403	7060	8573	8630	9074	9377	8799	9304
IND	4959	4284	5756	5128	7108	6692	6203	5239
IOWA	17028	16328	18978	18331	20196	20227	16934	16638
KANS	2470	2726	3688	3479	3745	3710	3526	2555
KY	4392	4453	5260	5489	6353	6349	4555	3768
MASS	867	1092	1293	1174	1352	1003	771	1005
MICH	2925	2733	3071	2859	3129	3365	3332	3695
MINN	50778	47619	54049	53196	55321	53352	48767	42917
MISS	946	1096	1550	1600	1712	1487	947	628
MO	9686	8353	13361	10806	12819	12834	10480	9915
NEBR	6359	6060	6662	6315	6817	6746	6614	6726
N J	5504	5535	6581	6061	2554	3200	3397	1935
N Y	29284	29802	35899	30191	31444	34818	28197	31213
N DAK	4038	3821	4521	4957	5510	5990	5604	4812
OHIO	7361	7160	8846	8641	9404	9946	8532	6953
OREG	2636	2366	2700	2850	2976	2812	2801	2530
PA	11602	10763	13275	11807	13602	12471	11968	12110
S DAK	8137	7815	8711	9522	10251	11094	10620	10069
TENN	2574	2332	2757	2940	3371	3375	3256	2891
UTAH	8106	6959	7388	8275	7985	8142	7952	7223
VT	7241	7301	8292	8137	8650	8908	7813	7370
VA	651	530	605	608	621	728	635	548
WASH	4329	3994	4909	5320	5839	5624	5534	5573
WIS	141525	129651	151231	149197	158526	161983	145808	139320
OTHER 1/	10087	8136	11615	11670	12202	10550	8447	6950
U S	384750	359303	425258	413053	439421	444695	402139	381331

SEE FOOTNOTES ON PAGE 17.

TABLE 11--BRICK CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ILL								
VA								
WIS	635	559	695	709	671	731	675	828
OTHER 1/	395	558	351	605	462	403	414	514
U S	1030	1117	1046	1314	1133	1134	1089	1342

SEE FOOTNOTES ON PAGE 17.

TABLE 10--TOTAL CHEESE, EXCLUDING COTTAGE CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ARK	2413	1712	1653	2149	4	25834	4	29706
CALIF	23950	23795	23975	24302	34	250261	36	281234
IDAHO	11392	11660	12201	12524	14	135766	14	136402
ILL	8487	8463	8169	10648	21	97295	22	103987
IND	4055	4957	4952	5297	6	63962	6	64630
IOWA	17388	19367	19950	19132	13	206449	14	220497
KANS	2927	3101	2269	3430	9	33829	8	37626
KY	3274	3660	3573	3851	9	56888	9	54977
MASS	1022	1021	1023	1020	9	9110	9	12643
MICH	3274	3352	2954	3147	13	35774	13	37836
MINN	40834	46225	44603	49883	28	567430	25	587544
MISS	453	394	789	1445	4	11098	4	13047
MO	10814	11931	13171	14152	14	131452	16	138322
NEBR	6571	6740	6403	6895	12	76351	11	78908
N J	2300	4121	3205	3410	7	66326	8	47803
N Y	33481	35453	39266	39223	41	357909	44	398271
N DAK	4181	3971	3830	4318	9	49859	8	55553
OHIO	7214	7923	7686	8564	22	94063	21	98230
OREG	2496	2566	2224	2238	6	34771	4	31195
PA	11692	12556	12470	13147	22	127155	22	147463
S DAK	9553	9977	10088	10958	17	92083	18	116795
TENN	2654	2626	2488	2899	7	34475	7	34163
UTAH	6633	6881	6212	6603	10	93389	11	88359
VT	7153	8017	7282	8199	11	96913	12	94363
VA	442	551	566	739	2	5957	2	7224
WASH	5295	5374	4271	3949	7	49706	7	60011
WIS	136695	137332	134051	143013	314	1644529	306	1728332
OTHER 1/	6327	8171	8913	10260	32	93035	35	113328
U S	372970	391897	388237	415395	697	4541669	696	4818449

TABLE 11--BRICK CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ILL					3	48		
VA					1	335		
WIS	822	920	803	772	29	8867	28	8820
OTHER 1/	433	351	418	433	14	5001	13	5337
U S	1255	1271	1221	1205	47	14251	41	14157

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	8761	7322	8960	9366	10517	11367	12039	9756
IDAHO	8249	7598	8568	8724	9123	9787	9625	9522
ILL								
IND	4689	4014	5487	4834	6806	6355	5864	4939
IOWA	8167	8027	9138	9242	10352	10696	9420	8230
KANS	1954	2235	3151	3075	3310	3315	3202	2201
KY	3040	2995	4033	4081	4826	4841	3299	2379
MICH	1713	1457	1658	1609	1686	1896	1895	1870
MINN	45302	43073	48977	48074	50465	48335	44288	38014
MISS	929	1079	1533	1583	1695	1470	930	611
MO	5216	4913	6490	7144	7640	7141	6898	5786
NEBR	1803	1636	1815	1978	2200	2129	2263	2199
N Y	7217	6325	6899	7296	7851	8228	6938	7259
N DAK	4038	3821	4521	4957	5510	5990	5604	4812
OHIO	3013	2746	3727	3915	4646	4965	3841	2476
OREG	2621	2346	2677	2822	2954	2798	2779	2507
S DAK	5548	5289	5841	6312	7633	8345	7952	7375
TENN	1425	1363	1568	1651	2393	2778	2640	1844
UTAH	6009	5068	5222	6009	5713	5882	5588	4879
VT	2505	2362	2722	2704	2741	2919	2400	1848
VA	4	98	282	42		95	414	544
WASH	2985	2663	3366	3915	4303	4171	4254	4052
WIS	95628	88837	102255	103461	111541	113523	102241	93577
OTHER 2/	16977	14714	20510	20594	20799	19128	16376	12073
U S	237793	219981	259400	263388	284704	286154	260750	228753

SEE FOOTNOTES ON PAGE 19.

TABLE 13--MUNSTER CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ILL	525	550	642	666	705	618	613	752
VA								
WIS	3776	3637	4615	4238	4576	4546	4158	4439
OTHER 2/	635	836	664	863	921	786	638	585
U S	4936	5023	5921	5767	6202	5950	5409	5776

SEE FOOTNOTES ON PAGE 19.

TABLE 12--TOTAL AMERICAN TYPE CHEESE 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	8253	7083	7703	8609	18	97745	20	109736
IDAHO	9198	8963	8621	9288	14	103811	14	107266
ILL					7	2411		
IND	3776	4696	4686	5032	5	62177	5	61178
IOWA	7719	8385	8614	9137	10	97054	11	107127
KANS	2542	2563	1755	2814	7	27429	6	32117
KY	1818	2161	2179	2341	7	40713	7	37993
MICH	1828	1924	1712	1989	7	21608	7	21237
MINN	36297	41402	40636	44340	21	501619	19	529203
MISS	436	377	772	1428	4	10894	4	12843
MO	4547	4675	5036	5779	12	64738	11	71265
NEBR	1844	2017	1873	1938	5	21719	5	23695
N Y	6389	6747	6038	6483	14	77310	14	83670
N DAK	4181	3971	3830	4318	9	49859	8	55553
OHIO	2370	2646	2994	3644	8	37922	8	40983
OREG	2491	2543	2208	2220	5	34518	4	30966
S DAK	7056	7471	7699	8383	15	63812	16	84904
TENN	1346	1242	1760	1686	5	19274	7	21696
UTAH	4362	4821	4340	4703	10	70121	11	62596
VT	1733	2080	1989	2609	7	30537	8	28612
VA	197	547	312	540	2	2208	1	3075
WASH	3728	3715	2654	2415	5	35450	5	42221
WIS	85706	87168	85151	89821	234	1111333	229	1158909
OTHER 2/	11619	15449	15246	17307	26	168036	36	200792
U S	209436	222646	217808	236824	457	2752298	456	2927637

TABLE 13--MUNSTER CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ILL	648	720	777	660			5	7876
VA					1	102		
WIS	4586	4896	4482	4805	39	57296	41	52754
OTHER 2/	619	910	653	859	13	14283	10	8969
U S	5853	6526	5912	6324	53	71681	56	69599

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	7362	5802	7027	7469	8703	9357	9789	7476
IDAHO	4639	3957	4458	4427	5235	5832	5428	5228
ILL								
KANS	1941	2219	3133	3064	3300	3302	3186	2185
KY	2804	2152	2686	2816	3213	2944	2272	1764
MINN	36017	33473	37547	36762	39073	37144	34294	29280
MISS	929	1079	1533	1583	1695	1470	930	611
MO								
N Y	6631	6061	6388	6857	7441	7904	6510	6803
N DAK	4038	3821	4521	4954	5510	5990	5601	4812
OHIO	480	588	578	594	609	738	514	339
S DAK	4893	4707	4870	5676	6943	7689	7264	6759
UTAH	5457	4919	5035	5795	5498	5708	5301	4122
VA	4	98	282	42		95	414	544
WIS	76422	71704	82599	85662	94100	95532	86201	77717
OTHER 1/	39880	35721	45784	46480	50806	50449	45647	36838
U S	191497	176295	206381	212121	232126	234154	213351	184478

TABLE 15--BLUE CHEESE 2/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
WIS	1304	1115	1244	1475	1647	1652	1425	1381
OTHER 1/	1199	1001	1071	1288	1051	1196	1121	1321
U S	2503	2116	2315	2763	2698	2848	2546	2702

SEE FOOTNOTES ON PAGE 21.

TABLE 14--CHEDDAR CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS	1982 PRODUCTION	1983 PLANTS	1983 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	6048	4725	5020	6005	15	78722	17	84783
IDAHO	4975	5652	5379	5283	12	54751	13	60493
ILL					3	288		
KANS	2514	2532	1739	2785	7	27251	6	31900
KY	1161	1515	1631	1860	5	32824	6	26818
MINN	27499	30644	29950	33757	16	389453	15	405440
MISS	436	377	772	1428	4	10894	4	12843
MO					8	51514		
N Y	5939	6241	5686	6081	14	71739	13	78542
N DAK	4181	3968	3830	4318	9	49848	8	55544
OHIO	163	203	191	504			3	5501
S DAK	6489	6763	5903	7728	13	47651	15	75558
UTAH	3608	4563	4134	4509	10	61651	11	58649
VA	197	547	312	540	1	1516	1	3075
WIS	69234	69904	68404	73740	190	885838	189	951219
OTHER 1/	32361	38177	37288	41599	66	393536	82	501030
U S	164805	175811	170239	190137	373	2157476	383	2351395

TABLE 15--BLUE CHEESE 2/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS	1982 PRODUCTION	1983 PLANTS	1983 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
WIS	1457	1458	1421	1534	4	17802	3	17113
OTHER 1/	1293	1427	1238	1177	6	13211	6	14383
U S	2750	2885	2659	2711	10	31013	9	31496

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	1399	1520	1933	1897	1814	2010	2250	2280
IDAHO	3610	3641	4110	4297	3888	3955	4197	4294
ILL								
KY	236	843	1347	1265	1613	1897	1027	615
MINN	9285	9600	11430	11312	11392	11191	9994	8734
MO								
N Y	586	264	511	439	410	324	428	456
OHIO	2533	2158	3149	3321	4037	4227	3327	2137
S DAK	655	588	1031	696	690	656	688	616
UTAH	552	149	187	214	215	174	287	757
VA								
WIS	19206	17133	19656	17799	17441	17991	16040	15860
OTHER 2/	8234	7790	9665	10027	11078	9575	9161	8526
U S	46296	43686	53019	51267	52578	52000	47399	44275

TABLE 17--CREAM CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	668	700	1234	777	836	898	694	823
N Y	5333	5205	7879	6289	5220	7982	5390	4937
OTHER 2/	10695	8685	16758	11064	12770	14841	11144	11586
U S	16696	14590	25871	18130	18826	23721	17228	17346

SEE FOOTNOTES ON PAGE 23.

TABLE 16--OTHER AMERICAN VARIETIES OF CHEESE 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	2205	2358	2683	2604	16	19023	18	24953
IDAHO	4223	3311	3242	4005	11	49060	11	46773
ILL					6	2123		
KY	657	646	548	481	4	7889	4	11175
MINN	8798	10758	10686	10583	6	112166	5	123763
MO					7	13224		
N Y	450	506	352	402	7	5571	7	5128
OHIO	2207	2443	2803	3140	8	31483	7	35482
S DAK	567	708	1796	655	7	16161	8	9346
UTAH	754	258	206	194	7	8470	5	3947
VA					1	692		
WIS	16472	17264	16747	16081	113	225495	106	207690
OTHER 2/	8298	8583	8506	8542	41	103465	52	107985
U S	44631	46835	47569	46687	234	594822	223	576242

TABLE 17--CREAM CHEESE
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	879	1217	1554	903	4	10811	4	11183
N Y	6947	5345	9672	10070	5	77659	5	80269
OTHER 2/	16627	18349	20770	21234	12	168774	14	174523
U S	24453	24911	31996	32207	21	257244	23	265975

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	10600	9981	10581	10516	11569	11330	11935	13354
ILL	2255	2194	2808	2401	2635	2548	2248	2695
MASS								
NEBR	4556	4424	4847	4337	4617	4617	4350	4527
N J								
N Y	15211	16577	19268	14732	16504	16653	14349	17386
PA	5706	5547	6717	5777	6862	6152	6297	6343
VA	643	429	319	562	617	629	217	
WASH								
WIS	31364	29866	33454	31933	32971	32600	29323	31039
OTHER 1/	24839	24632	27619	26227	24761	23444	21590	22936
U S	95174	93650	105613	96485	100536	97973	90309	98280

TABLE 19--MOZZARELLA AND SIMILARS
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	9647	9055	9523	9715	10688	10484	11124	12472
ILL	1239	1215	1461	1361	1482	1397	1220	1516
NEBR	4194	4105	4485	3889	4219	4216	3916	4102
N J								
N Y	10541	10342	11574	10361	11336	11415	10136	11190
PA	3613	3460	4109	3736	4436	3703	3909	3636
VA	643	429	319	562	617	629	217	
WIS	22127	21710	23628	22185	22015	22231	20451	22866
OTHER 1/	17109	16518	17680	16798	16903	16006	14957	16299
U S	69113	66834	72779	68607	71696	70081	65930	72081

SEE FOOTNOTES ON PAGE 25.

TABLE 18--ITALIAN CHEESE, TOTAL
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	13531	13967	13413	13562	12	126365	13	144339
ILL	2624	2690	2864	3011	8	30167	8	30973
MASS					4	7522		
NEBR	4727	4723	4530	4957	7	54628	6	55212
N J					7	31371		
N Y	18444	21375	21861	20679	22	181058	24	213039
PA	6147	6330	6067	6327	12	63050	13	74272
VA	241				1	3251	1	3657
WASH					3	14256		
WIS	34114	32735	33657	35608	59	343938	59	388664
OTHER 1/	23410	24050	21647	24893	44	232175	55	290048
U S	103238	105870	104039	109037	179	1087781	179	1200204

TABLE 19--MOZZARELLA AND SIMILARS
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	12682	12943	12389	12567	11	115973	12	133289
ILL	1402	1408	1514	1550	8	15760	8	16765
NEBR	4344	4280	4165	4548	7	49655	6	50463
N J					5	12517		
N Y	12096	13527	13195	12497	15	117186	15	138210
PA	3866	3665	3624	3670	10	37563	10	45427
VA	241				1	3251	1	3657
WIS	25766	23718	24193	26115	44	235353	45	277005
OTHER 1/	16292	16987	14564	16663	40	175228	44	196776
U S	76689	76528	73644	77610	141	762486	141	861592

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	953	926	1058	801	881	846	811	882
ILL	1016	979	1347	1040	1153	1151	1028	1179
MASS								
NEBR	362	319	362	448	398	401	434	425
N J								
N Y	4670	6235	7694	4371	5168	5238	4213	6196
PA	2093	2087	2608	2041	2426	2449	2388	2707
WIS	9237	8156	9826	9748	10956	10369	8872	8173
OTHER 1/	7730	8114	9939	9429	7858	7438	6633	6637
U S	26061	26816	32834	27878	28840	27892	24379	26199

SEE FOOTNOTES ON PAGE 27.

TABLE 21--ITALIAN CHEESE PRODUCTION IN THE UNITED STATES, 1982 AND 1983

TYPES	1982	1983	1983 AS % OF 1982
	1,000 POUNDS		PERCENT
HARD:			
PROVOLONE AND SIMILARS	106,534	114,909	108
ROMANO AND SIMILARS	21,492	20,941	97
PARMESAN AND SIMILARS	68,072	67,684	99
OTHER HARD	7,939	5,044	64
TOTAL HARD	204,037	208,578	102
SOFT:			
MOZZARELLA AND SIMILARS	763,657	861,592	113
RICOTTA AND SIMILARS	110,236	125,735	114
OTHER SOFT	9,851	4,299	44
TOTAL SOFT	883,744	991,626	112
TOTAL HARD AND SOFT	1,087,781	1,200,204	110

B. BY REGIONS

REGION	HARD TYPES		SOFT TYPES		TOTAL (HARD AND SOFT)	
	1982	1983	1982	1983	1982	1983
	1,000 POUNDS					
NORTH AND SOUTH ATLANTIC	30,786	36,087	306,232	334,353	337,018	370,440
EAST NORTH CENTRAL	114,872	115,647	279,622	326,558	394,494	442,205
WEST NORTH CENTRAL	52,231	50,131	129,411	133,592	181,642	183,723
SOUTH CENTRAL	2,765	2,945	19,885	23,587	22,650	26,532
WEST	3,383	3,768	148,594	173,536	151,977	177,304
U S	204,037	208,578	883,744	991,626	1,087,781	1,200,204

TABLE 20--OTHER ITALIAN TYPES
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	849	1024	1024	995	6	10392	6	11050
ILL	1222	1282	1350	1461	5	14407	5	14208
MASS					4	6485		
NEBR	383	443	365	409	6	4973	5	4749
N J					6	18854		
N Y	6348	7848	8666	8182	19	63872	20	74829
PA	2281	2665	2443	2657	12	25487	13	28845
WIS	8348	9017	9464	9493	37	108585	34	111659
OTHER 1/	7118	7063	7083	8230	29	72240	37	93272
U S	26549	29342	30395	31427	124	325295	120	338612

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, 1976-83 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
1976	35	845,201	34	526,581	24	38,467	57	1,410,249
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	1,190,367	37	635,140	29	111,276	62	1,936,783

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	1404	1285	1371	1458	1282	1289	1256	1278
MASS								
MISS	17	17	17	17	17	17	17	17
N Y	540	565	711	597	644	541	590	591
VA	4	3	4	4	4	4	4	4
WIS	2681	1177	1587	1229	1447	2054	1953	2421
OTHER 2/	3645	3166	3546	3838	3379	3763	3551	3543
U S	8291	6213	7236	7143	6773	7668	7371	7854

TABLE 24--LOWFAT COTTAGE CHEESE 3/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	92	98	117	109	73	106	68	72
ARIZ								
CALIF	4361	3931	4501	4478	4571	4383	4214	4401
COLO	557	555	608	556	600	601	557	597
IDAHO	78	72	97	88	88	91	86	91
ILL	283	269	355	309	327	358	317	323
IOWA	362	352	410	395	360	361	332	374
KANS	217	202	257	239	250	220	216	238
MICH	142	137	141	135	157	139	144	142
MO	265	253	374	292	490	504	558	738
N Y	3412	3441	3396	3580	3935	3545	3568	3671
N DAK	278	264	296	263	285	279	249	277
OHIO	1041	1421	1185	1309	1241	1109	1033	1272
OKLA	200	180	229	210	195	201	192	224
OREG	121	114	122	122	126	112	110	123
PA	1331	1417	1837	1560	1690	1777	1771	1711
TENN	117	104	118	117	123	122	133	135
TEX	447	438	524	463	503	487	377	396
WASH	258	847	700	638	718	790	682	614
WIS	404	455	511	557	568	539	494	519
OTHER 2/	3359	3315	3786	3565	3811	3738	2836	3573
U S	17325	17865	19564	18985	20111	19462	17937	19491

SEE FOOTNOTES ON PAGE 29.

TABLE 23--ALL OTHER TYPES OF CHEESE 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	1287	1528	1305	1228	17	15335	17	15971
MASS					4	1508		
MISS	17	17	17	17	1	204	1	204
N Y	611	748	668	781	8	7187	11	7587
VA	4	4	254	199	2	61	2	492
WIS	2065	2197	1978	1612	25	26750	22	22401
OTHER 2/	3669	4347	3619	3911	27	41351	33	43977
U S	7653	8841	7841	7748	84	92396	86	90632

TABLE 24--LOWFAT COTTAGE CHEESE 3/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	68	69	69	56	3	1246	3	997
ARIZ					3	2465		
CALIF	4218	4070	3554	3336	12	49296	10	50018
COLO	505	482	530	515	3	6814	3	6663
IDAHO	79	74	69	61	2	916	2	974
ILL	319	264	250	237	5	3944	5	3611
IOWA	379	346	315	180	4	3961	4	4166
KANS	175	200	224	168	5	2615	5	2606
MICH	137	132	142	116	5	1704	5	1664
MO	696	607	590	508	5	3390	5	5875
N Y	3309	2974	2693	2531	9	42805	9	40055
N DAK	244	250	260	213	1	2553	1	3158
OHIO	1097	899	871	674	15	18791	14	13152
OKLA	225	183	160	147	6	2453	4	2346
OREG	116	105	98	107	10	1463	10	1376
PA	1781	1717	1652	1319	9	20403	9	19563
TENN	134	127	115	102	4	955	4	1447
TEX	417	395	360	430	7	4685	7	5237
WASH	688	629	641	571	7	7347	6	7776
WIS	599	522	524	461	8	6171	6	6153
OTHER 2/	2981	2859	2770	2312	32	33595	35	38905
U S	18167	16904	15887	14044	155	217572	147	215742

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	152	151	165	171	137	175	137	146
ARIZ	1049	990	828	1025	1086	1044	961	1036
CALIF	7081	6351	7229	7020	7477	7128	7101	7555
COLO	1107	1093	1295	1142	1200	1192	1202	1319
IDAHO	234	227	282	276	273	271	263	286
ILL	3778	3678	4097	4046	4405	4142	4243	4620
IND	2374	2306	2793	2417	2389	2517	2546	2805
IOWA	1376	1338	1527	1380	1472	1407	1342	1540
KANS	1535	1418	1640	1565	1696	1720	1388	1510
KY	1132	1124	1414	1537	1747	1711	1767	1966
MD 3/	900	892		1041	1038	1060	1068	1058
MICH	3313	3184	3854	3573	3599	3698	3463	3355
MO	2099	2049	2312	2076	1963	1902	2056	2659
MONT	436	472	523	481	532	572	546	574
NEBR	425	337	410	374	412	390	374	388
N MEX	697	717	744	715	931	769	688	796
N Y	8251	7866	8672	8153	8824	9004	9188	9170
N C	137	160	163	143	169	149	155	185
N DAK	330	273	307	224	253	251	228	261
OHIO	3974	3824	3908	3898	4091	4141	4123	4465
OKLA	848	776	908	934	825	817	855	875
OREG	1086	1041	1129	1106	1063	1111	984	1157
PA	3203	3571	3938	3601	4088	3840	3786	3958
TENN	705	695	768	781	822	762	839	895
TEX	1922	1800	2202	1963	2223	2050	1830	1882
UTAH	515	470	472	555	549	543	515	543
VA	915	949	1172	1054	1115	1053	1143	1222
WASH	2282	1807	2523	2411	2318	2257	2188	2134
WIS	3118	3070	3513	3210	3452	3440	3252	3552
OTHER 2/	4559	4755	5781	5116	5429	5313	5743	5094
U S	59533	57384	64569	61988	65578	64429	63974	67006

SEE FOOTNOTES ON PAGE 31.

TABLE 25--CREAMED COTTAGE CHEESE 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS	1982 PRODUCTION	1983 PLANTS	1983 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	133	139	129	118	4	1855	4	1753
ARIZ	1084	976	994	908			3	11981
CALIF	7040	6961	6508	5839	14	85263	12	83290
COLO	1255	1128	1050	919	4	13727	4	13902
IDAHO	257	247	229	206	3	2945	3	3051
ILL	4154	4031	3765	3377	8	38650	8	48336
IND	2844	2355	2420	2184	10	32408	10	29950
IOWA	1484	1341	1302	1256	5	18055	5	16765
KANS	1320	1208	1270	1049	7	18848	7	17319
KY	1836	1610	1679	1484			3	19007
MD 3/	1001	904	945	848			3	10755
MICH	3331	2957	2988	2799	8	40124	7	40114
MO	2387	2269	1934	2106	5	24298	5	25812
MONT	564	508	493	454	8	5578	8	6155
NEBR	388	355	306	284	5	4901	3	4443
N MEX	739	681	695	639	3	8440	3	8811
N Y	8759	8136	7581	7612	15	106930	15	101216
N C	175	424	375	410	4	2839	4	2645
N DAK	227	234	228	196	1	3612	1	3012
OHIO	4309	4202	3920	3445	22	52057	19	48300
OKLA	933	761	730	697	7	10289	7	9959
OREG	1152	1079	1028	917	13	13319	13	12853
PA	3593	3577	3371	2831	14	43653	14	43357
TENN	832	791	705	578	7	8896	6	9173
TEX	1835	1750	1670	1250	12	22362	12	22377
UTAH	508	473	465	452	3	6370	4	6060
VA	1247	1004	975	853	4	11530	4	12702
WASH	2062	2019	1945	2005	11	25726	10	25951
WIS	3519	3308	3428	3458	10	47571	8	40320
OTHER 2/	6113	5363	5258	4380	40	98623	33	62904
U S	65081	60791	58386	53554	247	748869	238	742273

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
ALA	140	139	159	157	159	220	108	111
CALIF	7375	6760	7646	7549	7501	7287	7119	7409
COLO	999	992	1157	1028	1102	1121	1048	1152
IDAHO	181	166	219	207	205	210	196	209
ILL	2360	2294	2555	2124	2635	2596	2545	2754
IND	1383	1330	1610	1402	1609	1462	1476	1611
IOWA	1069	1020	1185	1056	1130	1096	1015	1192
KANS	1024	947	1106	1049	1115	1149	914	994
KY	1150	1414	1390	1376	1760	1528	1630	1423
MD 3/	772	765	937	873	855	904	881	860
MICH	1987	1975	2378	2166	2165	2183	2028	1985
MO	1392	1247	1554	1405	1462	1630	1566	1953
MONT	285	271	337	310	347	366	350	364
NEBR	276	220	268	249	267	259	244	258
N MEX	457	438	511	461	533	504	441	508
N Y	8005	7725	8225	8543	8701	8656	8510	8692
N C	133	199	227	168	224	241	250	323
N DAK	346	324	354	299	305	303	294	292
OHIO	3641	3347	3350	2909	3241	3400	3272	3573
OKLA	594	527	633	647	569	570	578	604
OREG	726	676	726	739	706	709	630	748
PA	3263	3410	3975	3690	4009	3962	3965	4121
TENN	926	484	528	538	557	522	568	632
TEX	1409	1340	1621	1487	1569	1533	1290	1340
UTAH	469	413	413	479	475	466	436	489
VA	701	752	897	803	876	815	877	934
WASH	1716	1617	1839	1738	1743	1762	1660	1568
WIS	2156	2142	2458	2278	2437	2465	2259	2491
OTHER 2/	6382	6423	7322	6423	6867	6688	5885	6830
U S	51317	49357	55580	52153	55124	54607	52035	55420

SEE FOOTNOTES ON PAGE 33.

TABLE 26--COTTAGE CHEESE CURD 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	111	111	106	97	4	1864	4	1618
CALIF	6966	6766	6237	5730	13	88070	11	84345
COLO	1033	984	984	900	4	12605	4	12500
IDAHO	191	183	164	152	3	2295	3	2283
ILL	2622	2510	2374	2207	8	29442	8	29576
IND	1636	1386	1411	1294	10	18511	10	17610
IOWA	1147	1056	926	874	5	13245	5	12766
KANS	840	813	875	699	7	12407	7	11525
KY	1516	1986	2027	1263			4	18463
MD 3/	893	806	822	736	3	8837	4	10104
MICH	2015	1762	1807	1705	7	22740	6	24156
MO	1798	1743	1655	1519	5	16645	5	18924
MONT	343	318	315	290	8	3694	8	3896
NEBR	260	243	211	194	5	3105	3	2949
N MEX	445	437	434	399	3	5606	3	5568
N Y	8095	8001	6631	6982	16	101296	16	96766
N C	304	249	221	241	4	1932	4	2780
N DAK	292	266	292	254	1	3656	1	3621
OHIO	2975	2800	2572	2294	21	46322	18	37374
OKLA	652	524	497	465	7	7048	7	6860
OREG	738	679	657	595	13	8792	13	8329
PA	3729	3765	3042	3043	14	40989	14	43974
TENN	575	546	486	406	7	5981	6	6768
TEX	1297	1290	1200	890	12	16090	12	16266
UTAH	533	429	422	388	3	5547	4	5412
VA	949	791	769	658	4	8871	4	9822
WASH	1548	1529	1504	1522	11	20474	10	19746
WIS	2506	2272	2359	2422	10	32943	9	28245
OTHER 2/	6350	5833	5817	4853	40	89942	37	75673
U S	52359	50078	46817	43072	248	628949	240	617919

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
SWEETENED CONDENSED WHOLE MILK 1,000 POUNDS								
WIS	3326	4159	5828	4582	3458	4629	3884	4478
OTHER 1/	1417	1255	1505	1855	1953	1845	1566	2192
U S	4743	5414	7333	6437	5411	6474	5450	6670
SWEETENED CONDENSED SKIM MILK								
WIS	3100	2798	4003	3230	3275	3756	3478	4394
OTHER 1/	759	590	613	593	900	813	582	737
U S	3859	3388	4616	3823	4175	4569	4060	5131
UNSWEETENED CONDENSED WHOLE MILK								
N Y	3072	3697	4387	4020	3322	4094	3786	4015
PA	2125	2781	4039	3643	3737	4037	4231	4643
WIS	4940	4684	4773	6271	5153	6837	6037	6811
OTHER 1/	2890	2608	3572	3249	3949	4003	4169	5157
U S	13027	13770	16771	17183	16161	18971	18223	20626
UNSWEETENED CONDENSED SKIM MILK								
CALIF	12952	9596	11256	11717	14202	15565	15739	15478
MICH	6055	4890	6401	6001	6693	8182	7969	7142
MO								
N Y	4201	4230	5515	5462	6373	6687	6259	6374
OHIO	4531	4790	4970	4845	4060	6138	3962	3455
PA	2423	2475	3640	2775	3180	2974	3201	3127
WIS	4279	3632	4872	3779	3973	3735	2812	2990
OTHER 1/	16369	15426	18688	18040	23342	23055	22103	25586
U S	50810	45039	55342	52619	61823	66336	62045	64152

SEE FOOTNOTES ON PAGE 35.

TABLE 27--CONDENSED MILK, BULK PRODUCTS
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS: PRODUCTION	1983 PLANTS: PRODUCTION		
SWEETENED CONDENSED WHOLE MILK					1,000 POUNDS			
WIS	5324	4307	4824	4288	4	48136	4	53087
OTHER 1/	1846	2701	2283	1199	5	21503	5	21617
U S	7170	7008	7107	5487	9	69639	9	74704
SWEETENED CONDENSED SKIM MILK					NUMBER 1,000 LBS			
WIS	4280	3261	3003	3767	4	40808	4	42345
OTHER 1/	862	736	753	867	3	8340	4	8805
U S	5142	3997	3756	4634	7	49148	8	51150
UNSWEETENED CONDENSED WHOLE MILK					NUMBER 1,000 LBS			
N Y	3931	3767	3754	3275	5	52632	8	45120
PA	2457	2528	2264	2348	5	48125	6	38833
WIS	5373	5831	4501	4704	4	76017	4	65915
OTHER 1/	4491	4771	4366	3424	12	47115	9	46649
U S	16252	16897	14885	13751	26	223889	27	196517
UNSWEETENED CONDENSED SKIM MILK					NUMBER 1,000 LBS			
CALIF	15211	14144	14325	13632	14	145099	11	163817
MICH	6457	5647	4131	4036	4	64717	4	73604
MO					6	29428		
N Y	5265	6176	3758	3863	11	49465	11	64163
OHIO	5057	4132	4123	3513			5	53576
PA	2641	2013	2937	2985	5	42743	4	34371
WIS	3526	3978	3689	3430	13	66578	12	44695
OTHER 1/	22277	21910	17946	15749	33	234103	32	240491
U S	60434	58000	50909	47208	86	632133	79	674717

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
OHIO	7689	6390	8144	7441	7486	9165	7755	8338
OTHER 1/	46632	45015	47232	53073	55090	57049	50690	48104
U S	54321	51405	55376	60514	62576	66214	58445	56442

SEE FOOTNOTES ON PAGE 37.

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
SWEET-TYPE, HUMAN								
MINN	1074	1025	1018	875	917	1140	741	573
WIS	1943	1446	1803	2351	2739	2401	2538	2813
OTHER 1/	4524	4155	3770	4043	2945	3400	3704	4290
U S	7541	6626	6591	7269	6601	6941	6983	7676
TOTAL CONDENSED 3/	1,000 POUNDS							
MINN	1074	1025	1018	875	917	1140	741	573
N Y	4893	4454	5545	4980	3506	4160	3866	4243
WIS	1943	1446	1803	2351	2739	2401	2538	2813
OTHER 1/	3083	2876	2949	3025	2808	3097	3194	2867
U S	10993	9801	11315	11231	9970	10798	10339	10496

SEE FOOTNOTES ON PAGE 37.

TABLE 28--EVAPORATED AND CONDENSED WHOLE MILK, CASE GOODS
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION		
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
OHIO	8473	8233	10368	9897	4	104080	3	99379
OTHER 1/	43823	44990	49799	53309	14	630841	14	594806
U S	52296	53223	60167	63206	18	734921	17	694185

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION		
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
SWEET-TYPE, HUMAN								
MINN	780	1123	1113	883	5	20680	5	11262
WIS	2754	3860	4531	3604	4	21027	4	32783
OTHER 1/	3981	4595	3970	4274	14	53835	10	47651
U S	7515	9578	9614	8761	23	95542	19	91696
TOTAL CONDENSED 3/								
MINN	780	1123	1113	883	5	20680	5	11262
N Y	4717	4473	5361	5731	9	49971	9	55929
WIS	2754	3860	4531	3604	4	21027	4	32783
OTHER 1/	2843	3112	3082	3594	14	49974	10	36530
U S	11094	12568	14087	13812	32	141652	28	136504

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	21424	18873	20577	23147	24912	25623	27128	24293
IDAHO	1497	1743	2079	2851	3560	3554	3218	3757
IOWA	7255	6624	7696	7180	8616	9353	9728	8425
MICH	8899	8730	9432	8863	9527	9337	8696	8812
MINN	16794	16871	18802	18919	20790	20955	17975	15444
N Y	6164	6756	8921	9451	9949	10571	8668	5326
N DAK	644	853	1104	1080	996	950	603	657
OHIO	4786	3944	4729	4905	6197	5665	5524	5207
PA	5602	5199	6098	6580	7560	6820	6324	4485
S DAK								
UTAH								
WIS	9410	9988	11674	12264	13226	13866	12986	11698
OTHER 1/	38428	34601	42814	43926	48231	47465	42521	37233
U S	120903	114182	133926	139166	153564	154159	143371	125337

TABLE 31--DRY SKIM FOR ANIMAL FEED
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	151	108	88	131	133	126	204	187
MINN	16	30	48	25	18	22	40	55
N Y	45	51	56	84	86	97	90	72
N DAK	4	4	5	4	5	6	4	5
UTAH								
WIS	37	36	29	34	40	39	26	55
OTHER 1/	548	429	510	470	747	689	676	695
U S	801	658	736	748	1029	979	1040	1069

SEE FOOTNOTES ON PAGE 39.

TABLE 30--NONFAT DRY MILK FOR HUMAN FOOD
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	19967	22675	20233	20623	14	279598	14	269475
IDAHO	3480	2800	2294	1939	1	27689	1	32772
IOWA	6639	6083	5795	6593	6	94272	6	89987
MICH	8094	8604	8488	8947	4	97066	4	106429
MINN	13704	13728	14278	15635	13	187941	13	203895
N Y	3872	3141	3686	6306	10	48473	11	82811
N DAK	573	274	279	408	1	8234	1	8421
OHIO	3364	3436	3804	4707	5	39878	3	56268
PA	3326	3073	2978	4189	6	55461	6	62234
S DAK					4	38554		
UTAH					3	3809		
WIS	9809	8259	7197	8780	12	134730	10	129157
OTHER 1/	29254	30656	30369	32955	29	384750	32	458453
U S	102082	102729	99401	111082	108	1400455	101	1499902

TABLE 31--DRY SKIM FOR ANIMAL FEED
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	112	88	90	120	12	1930	11	1538
MINN	17	14	17	26	9	252	6	328
N Y	114	60	29	53	5	470	5	837
N DAK	3	3	2	3	1	48	1	48
UTAH					3	31		
WIS	72	70	23	44	10	484	7	505
OTHER 1/	609	225	330	1140	31	6516	31	7068
U S	927	460	491	1386	71	9731	61	10324

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, 1983 AND ANNUAL 1982 A

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
DRY WHOLE MILK								
OTHER 1/	8669	7681	10477	9230	9362	8805	7805	9252
U S	8669	7681	10477	9230	9362	8805	7805	9252
DRY BUTTERMILK								
CALIF	342	288	307	366	385	273	306	284
MICH	264	296	322	323	372	168	94	106
MINN	1168	1148	1466	1460	1389	1582	1252	1122
N Y	436	359	202	314	197	178	40	54
N DAK	40	33	35	38	38	16	31	42
PA	79	98	86	89	95	78	73	56
WIS	1530	1305	916	1140	969	823	645	455
OTHER 1/	1423	1261	1012	1010	802	707	692	422
U S	5282	4788	4346	4740	4247	3825	3133	2541

SEE FOOTNOTES ON PAGE 41.

TABLE 33--LACTOSE-MILK SUGAR
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
FOR HUMAN FOOD								
MINN	3429	3483	3721	3561	3180	2889	2822	2405
WIS	2647	1866	2425	2244	2213	2265	1969	1931
OTHER 1/	4192	3849	4372	4133	4408	4362	4047	3877
U S	10268	9198	10518	9938	9801	9516	8838	8213
TOTAL LACTOSE 2/								
CALIF								
MINN	3693	3754	3935	3863	3680	3055	3120	2624
WIS	2900	2048	2680	2558	2453	2591	2235	1931
OTHER 1/	5568	5083	5920	5585	5943	6039	5735	5539
U S	12161	10885	12535	12006	12076	11685	11090	10094

SEE FOOTNOTES ON PAGE 41.

TABLE 32--DRY MILK PRODUCTS
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS	1982 PRODUCTION	1983 PLANTS	1983 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
DRY WHOLE MILK								
OTHER 1/	9374	10182	10507	9865	15	102226	16	111209
U S	9374	10182	10507	9865	15	102226	16	111209
DRY BUTTERMILK								
CALIF	388	402	340	390	6	2343	7	4071
MICH	196	98	332	352	3	2600	3	2923
MINN	1237	1137	1242	1182	5	7923	7	15385
N Y	36	77	55	146	6	2059	6	2094
N DAK	29	15	23	43	1	391	1	383
PA	46	60	96	112	3	1168	3	968
WIS	601	636	589	1224	6	11223	6	10833
OTHER 1/	393	688	623	807	19	10925	15	9840
U S	2926	3113	3300	4256	49	38632	48	46497

TABLE 33--LACTOSE-MILK SUGAR
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS	1982 PRODUCTION	1983 PLANTS	1983 PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
FOR HUMAN FOOD								
MINN	2187	2215	2289	2720	4	42383	3	34901
WIS	2092	2088	1596	1855	6	42625	4	25191
OTHER 1/	3791	3605	3362	3700	11	42425	11	47698
U S	8070	7908	7247	8275	21	127433	18	107790
TOTAL LACTOSE 2/								
CALIF						15013		
MINN	2283	2393	2490	2869	4	47122	3	37759
WIS	2294	2223	1596	1950	8	45792	6	27459
OTHER 1/	5173	4881	4660	4991	10	36429	14	65117
U S	9750	9497	8746	9810	22	144356	23	130335

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
HUMAN FOOD								
MINN	12990	10940	12982	14569	16725	17212	15746	11725
N Y	4663	3524	2902	3906	4846	4259	4160	4095
UTAH	1896	1694	1612	1758	1563	1733	1527	1639
WIS	20702	20554	21171	21468	22801	20414	17771	19100
OTHER 1/	19167	16688	18405	18588	17976	18163	16603	16772
U S	59418	53400	57072	60289	63911	61781	55807	53331
ANIMAL FEED								
ILL	489	476	559	570	572	541	469	517
MINN	442	560	292	251	276	452	983	1139
MO								
N Y	3315	4533	4450	2692	2827	3694	2999	3111
UTAH								
WIS	6742	6822	6781	6259	7768	7742	8772	8801
OTHER 1/	6437	6354	7122	6922	6903	6831	6168	5034
U S	17425	18745	19204	16694	18346	19260	19391	18602
TOTAL DRY WHEY								
ILL	489	476	559	570	572	541	469	517
IOWA	5880	5394	5525	5883	5996	5824	4044	4692
MINN	13432	11500	13274	14820	17001	17664	16729	12864
MO								
N Y	7978	8057	7352	6598	7673	7953	7159	7206
UTAH	1938	1753	1679	1831	1574	1744	1537	1653
WIS	27444	27376	27952	27727	30569	28156	26543	27901
OTHER 1/	19682	17589	19935	19554	18872	19159	18717	17100
U S	76843	72145	76276	76983	82257	81041	75198	71933

SEE FOOTNOTES ON PAGE 43.

TABLE 34--DRY WHEY
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION	1982 PLANTS:PRODUCTION	1983 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
HUMAN FOOD								
ILL					1			
MINN	11119	12754	13076	14185	11	148808	9	164023
N Y	3937	5377	4803	5086	7	57375	8	51558
UTAH	1313	918	1602	1185	4	21774	4	18440
WIS	19261	17064	17167	18848	12	210160	12	236321
OTHER 1/	16420	16460	17258	17526	15	173378	21	210026
U S	52050	52573	53906	56830	50	611495	54	680368
ANIMAL FEED								
ILL	413	525	520	470			4	6121
MINN	526	242	176	616	8	5981	6	5955
MO					6	28472		
N Y	2913	2693	2373	2686	7	30407	7	38286
UTAH					3	692		
WIS	8019	7984	8332	7600	17	70803	17	91622
OTHER 1/	3919	4546	4465	5111	28	42652	33	69812
U S	15790	15990	15866	16483	69	179007	67	211796
TOTAL DRY WHEY								
ILL	413	525	520	470			4	6121
IOWA	5135	5444	5067	5385	5	59875	6	64269
MINN	11645	12996	13252	14801	11	154789	9	169978
MO					6	28472		
N Y	6850	8070	7176	7772	9	87782	10	89844
UTAH	1323	1028	1610	1267	4	22466	4	18937
WIS	27280	25048	25499	26448	21	280963	21	327943
OTHER 1/	15194	15452	16648	17170	24	156155	25	215072
U S	67840	68563	69772	73313	80	790502	79	892164

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	927	1015	1438	1185	1512	1728	1073	1210
ARIZ	496	509	584	555	600	674	623	572
ARK	353	401	462	499	533	706	603	653
CALIF	6217	7132	9110	7977	8375	10486	9760	10840
COLO	761	719	881	732	983	990	954	1061
FLA	2429	2619	3172	2964	2877	3151	3006	3092
GA	469	613	763	745	688	895	835	891
IDAHO	255	314	291	443	396	401	434	339
ILL	2620	2490	3157	2887	3222	3659	3784	3979
IND	1432	1705	2513	1812	2318	2633	2515	2575
IOWA	1063	1138	1547	1474	1396	1679	1708	1748
KANS	481	536	747	603	732	892	805	898
LA	438	513	711	588	685	1023	798	804
MD 2/	844	875	1146	1131	1238	1317	1370	1468
MASS	2598	2768	4066	3633	4035	4631	4508	4275
MICH	2161	2289	3016	2517	3033	3616	3654	3748
MINN	2244	2854	3078	2868	3505	3818	3868	4061
MISS	209	242	404	290	363	487	394	434
MO	1359	1366	1823	1763	1906	1880	1894	2069
MONT	111	112	174	160	172	225	207	243
NEBR	467	545	682	595	633	689	754	820
N H								
N J	1569	1200	2063	1910	2170	2449	2291	2666
N MEX								
N Y	3709	4048	5367	4003	3934	5176	4543	4522
N C	1812	2133	2799	2374	3001	3532	3280	3252
N DAK	143	158	195	152	208	236	237	262
OHIO	2761	3430	4218	3492	4033	4872	4309	5167
OKLA	691	623	813	810	982	1070	1034	1027
OREG	705	643	725	749	786	849	894	966
PA	4237	5002	6806	6050	6849	8333	7290	8204
S C	676	660	905	855	913	999	1007	1124
S DAK	5	4	5	5	3	4	3	4
TENN	1140	1313	1614	1580	1577	1957	1963	2064
TEX	3377	3703	5823	4378	5229	6098	5389	5607
UTAH	584	694	786	873	997	849	727	800
VT	24	27	29	35	35	53	56	85
VA	720	749	1032	1164	955	1160	1265	1387
WASH	1169	1025	1412	1439	1418	1666	1760	1538
W VA	161	181	245	227	270	311	319	270
WIS	1240	1509	1867	1416	1844	2122	2198	2249
OTHER 1/	2267	2594	3279	2941	4210	4035	3668	4116
U S	54924	60451	79748	69874	78616	91351	85780	91090

SEE FOOTNOTES ON PAGE 45.

TABLE 35--ICE CREAM, TOTAL
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL	
	SEP	OCT	NOV	DEC	1982 PRODUCTION	1983 PRODUCTION
	1,000 GALLONS					
ALA	1057	811	766	544	14095	13266
ARIZ	550	523	326	429	6196	6441
ARK	538	351	370	355	5941	5824
CALIF	9456	7618	7243	6856	95523	101070
COLO	870	696	807	666	9996	10120
FLA	3041	2571	2530	2550	33577	34002
GA	679	600	585	452	7598	8215
IDAHO	404	477	200	313	3840	4267
ILL	3247	2621	2574	2444	35206	36684
IND	2487	1967	1939	1838	23937	25734
IOWA	1511	1198	1092	1140	15562	16694
KANS	800	639	569	515	7804	8217
LA	876	623	554	654	7993	8267
MD 2/	1202	971	907	877	13405	13346
MASS	4204	3531	3305	2956	44444	44510
MICH	3302	2415	2295	2229	33475	34275
MINN	3203	2701	2777	2445	35137	37422
MISS	405	269	278	225	4649	4000
MO	1661	1447	1216	1052	18217	19436
MONT	158	140	130	99	1833	1931
NEBR	606	570	571	576	9402	7508
N H					826	
N J	2236	2036	1949	1935	20192	24474
N MEX					3580	
N Y	4575	3493	3074	3403	62326	49847
N C	2865	2172	2119	1698	30349	31037
N DAK	195	174	161	148	2225	2269
OHIO	4520	3610	3057	3154	46669	46623
OKLA	934	754	685	522	9619	9945
OREG	671	661	627	557	9050	8833
PA	6737	6084	5745	5716	72969	77053
S C	994	734	685	618	8653	10170
S DAK	4	5	4	3		49
TENN	1723	1314	1260	1128	19053	18633
TEX	6396	4355	3676	3225	50138	57256
UTAH	682	693	618	569	8428	8872
VT	53	31	18	16	375	462
VA	1288	1120	946	899	9156	12685
WASH	1418	1257	1076	1046	15518	16224
W VA	246	218	170	151	2692	2769
WIS	2016	1577	1430	1473	20828	20941
OTHER 1/	3479	3200	2953	2673	31596	39415
U S	81289	66227	61287	58149	852072	878786

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	396	434	584	495	658	651	461	500
ALAS	38	38	48	58	64	70	70	64
ARK	189	226	229	255	311	395	284	330
CALIF 2/	1680	1793	2249	2114	2644	2721	2710	2978
COLO	298	380	455	466	505	602	601	672
FLA	779	1036	1263	1193	1268	1240	1292	1213
GA	594	700	931	905	957	1084	996	946
IDAHO	55	80	111	163	179	169	142	143
ILL	939	1168	1572	1474	1864	2211	2104	2126
IND	282	398	585	600	662	812	854	767
IOWA 3/	331	376	535	588	689	860	788	874
KANS	316	344	529	476	557	626	603	552
KY								
LA	276	313	383	395	453	507	462	486
MD 4/	299	305	471	452	643	625	694	675
MASS	425	475	748	776	883	1118	1059	1042
MICH	490	568	801	987	1229	1397	1453	1295
MINN	273	362	502	531	652	795	821	829
MISS 5/	129	167	240	208	225	308	275	258
MO	519	677	751	750	858	993	1043	1090
MONT 6/	48	51	79	81	101	124	138	159
NEBR	208	206	326	331	431	500	536	513
N H								
N J	273	306	408	467	510	626	555	632
N Y	463	581	748	695	679	745	839	828
N C	526	574	748	774	877	1085	1110	1095
N DAK	36	55	88	122	137	171	180	165
OHIO	993	1217	1840	1775	2321	2851	2814	2747
OKLA	279	263	365	375	417	422	403	435
OREG 7/	281	269	393	386	455	452	466	619
PA	635	780	1031	1093	1660	1632	1907	1696
S C	251	267	439	355	318	487	550	455
S DAK	21	29	42	54	80	91	94	84
TENN	313	340	452	450	520	620	640	599
TEX	990	848	1266	1122	1407	1683	1548	1390
UTAH	141	155	184	186	235	268	238	272
VA	319	367	484	465	565	610	642	720
WASH	886	514	675	730	783	861	828	788
W VA	78	96	148	174	216	235	222	237
WIS	304	402	528	486	638	782	697	722
OTHER 8/	1166	1187	1540	1321	1570	1761	1763	1788
U S	16519	18347	24771	24328	29221	33190	32882	32784

SEE FOOTNOTES ON PAGE 47.

TABLE 36--ICE MILK, TOTAL 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL	
	SEP	OCT	NOV	DEC	1982 PRODUCTION	1983 PRODUCTION
	1,000 GALLONS					
ALA	315	319	296	218	6405	5327
ALAS	57	51	45	35	516	638
ARK	277	219	194	170	3265	3079
CALIF 2/	2639	2392	1965	1908	27743	27793
COLO	509	429	363	286	5575	5566
FLA	1344	1156	1057	1138	14511	13979
GA	958	832	781	725	7959	10409
IDAHO	86	81	87	88	1184	1384
ILL	1667	1301	1123	876	18222	18425
IND	676	491	391	302	7237	6820
IOWA 3/	627	465	323	366	6350	6822
KANS	491	361	304	232	5258	5391
KY					3497	
LA	493	390	349	317	4429	4824
MD 4/	531	409	354	358	2394	5816
MASS	759	710	555	588	6574	9138
MICH	885	641	596	479	10771	10821
MINN	509	393	336	242	6065	6245
MISS 5/	272	199	185	185	2837	2651
MO	895	715	525	460	9969	9276
MONT 6/	106	65	64	54	1057	1070
NEBR	461	273	184	170	3840	4139
N H					406	
N J	533	500	449	419	4649	5678
N Y	683	521	468	409	8396	7659
N C	845	681	585	483	9965	9383
N DAK	101	72	53	33	900	1213
OHIO	2028	1472	1285	1077	20866	22420
OKLA	470	316	280	269	4265	4294
OREG 7/	451	365	316	350	4480	4803
PA	1302	1007	841	744	13695	14328
S C	408	333	237	138	4196	4238
S DAK	42	34	19	16	596	606
TENN	515	372	310	282		5413
TEX	1534	980	705	568	13108	14041
UTAH	216	183	158	118	2194	2354
VA	551	507	374	366	2891	5970
WASH	775	603	473	599	8458	8515
W VA	160	138	89	90	2191	1883
WIS	544	349	261	181	6076	5894
OTHER 8/	1627	1219	982	868	17569	16792
U S	27342	21544	17962	16207	280559	295097

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	160	180	258	194	283	307	188	205
ARK	66	84	59	81	95	130	101	99
CALIF	429	543	663	559	680	811	767	745
COLO	47	62	64	66	61	76	71	84
FLA	234	300	315	326	391	332	395	356
GA	42	52	80	63	67	78	77	104
IDAHO	12	21	26	43	18	24	23	28
ILL	126	160	222	157	205	227	250	224
IND	102	159	204	151	169	207	234	186
IOWA	170	181	218	233	219	293	255	311
LA	19	28	27	30	35	49	39	37
MD 2/	46	42	70	56	100	82	90	92
MASS	87	162	203	193	307	379	339	353
MICH	74	97	108	137	185	205	215	186
MINN								
MISS	25	35	57	42	50	72	49	51
MO	183	273	266	259	280	328	341	350
MONT	10	9	12	10	13	19	25	20
N J	3	2	3	6	3	1	4	13
N Y	114	203	226	191	121	103	173	150
N C	240	277	343	364	353	432	462	474
N DAK	4	4	5	4	4	5	8	7
OHIO	152	176	198	153	199	249	272	265
OKLA	75	55	87	90	92	91	85	97
OREG	26	14	46	39	29	34	44	47
PA	218	263	296	328	507	459	536	474
S C	148	149	246	197	162	266	313	247
TENN	138	153	202	197	220	248	275	246
TEX	170	146	212	185	236	278	260	220
UTAH	28	36	45	41	48	59	44	50
VA	25	47	46	39	69	56	50	100
WASH	329	114	170	186	200	212	186	152
W VA	19	22	25	27	28	37	24	39
WIS	89	122	183	120	160	196	159	188
OTHER 1/	493	502	646	451	482	549	561	555
U S	4103	4673	5831	5218	6071	6894	6915	6755

SEE FOOTNOTES ON PAGE 49.

TABLE 37--ICE MILK, HARD
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	154	123	110	63	5	2748	5	2225
ARK	78	58	54	53	6	1063	6	958
CALIF	705	634	456	377	77	9601	77	7369
COLO	65	53	54	40	8	881	6	743
FLA	376	319	301	251	10	3814	9	3896
GA	58	48	46	19	6	799	5	734
IDAHO	11	13	15	14	4	278	4	248
ILL	204	147	115	128	29	2220	27	2165
IND	208	130	108	82	19	2257	19	1940
IOWA	225	181	124	180	9	2267	8	2590
LA	35	34	24	19	11	443	9	376
MD 2/	59	39	34	33	6	828	6	743
MASS	245	240	192	175	12	2248	10	2875
MICH	137	78	97	63	22	1789	24	1582
MINN					4	548		
MISS	55	27	34	25	5	741	4	522
MO	292	212	146	131	16	3202	15	3061
MONT	12	10	8	10	9	164	9	158
N J	4	5	4	3	5	62	4	51
N Y	155	95	66	60	19	2808	20	1657
N C	359	260	229	191	17	4412	16	3984
N DAK	6	4	4	3	5	75	4	58
OHIO	246	171	164	156	34	2542	31	2401
OKLA	115	52	46	61	9	909	9	946
OREG	47	31	26	25	12	494	11	408
PA	427	341	294	247	34	3997	30	4390
S C	213	188	132	69	4	2492	8	2330
TENN	218	147	129	117	11	2690	10	2290
TEX	246	160	120	100	19	2249	19	2333
UTAH	37	32	32	18	8	534	9	470
VA	65	75	28	36	6	406	4	636
WASH	152	125	54	81	12	2834	13	1961
W VA	24	22	16	17	4	346	4	300
WIS	148	99	76	47	24	1559	22	1587
OTHER 1/	490	310	276	258	42	6999	38	5573
U S	5871	4463	3614	3152	523	71299	495	63560

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	236	254	326	301	375	344	273	295
ALAS	38	38	48	58	64	70	70	64
ARK	123	142	170	174	216	265	183	231
CALIF	1251	1250	1586	1555	1964	1910	1943	2233
COLO	251	318	391	400	444	526	530	588
FLA	545	736	948	867	877	908	897	857
GA	552	648	851	842	890	1006	919	842
IDAHO	43	59	85	120	161	145	119	115
ILL	813	1008	1350	1317	1659	1984	1854	1902
IND	180	239	381	449	493	605	620	581
IOWA	161	195	317	355	470	567	533	563
KANS	176	185	289	273	341	383	380	344
LA	257	285	356	365	418	458	423	449
MD 2/	253	263	401	396	543	543	604	583
MASS	338	313	545	583	576	739	720	689
MICH	416	471	693	850	1044	1192	1238	1109
MINN	236	316	460	488	609	741	764	770
MISS	104	132	183	166	175	236	226	207
MO	336	404	485	491	578	665	702	740
MONT	38	42	67	71	88	105	113	139
N H								
N J	270	304	405	461	507	625	551	619
N Y	349	378	522	504	558	642	666	678
N C	286	297	405	410	524	653	648	621
N DAK	32	51	83	118	133	166	172	158
OHIO	841	1041	1642	1622	2122	2602	2542	2482
OKLA	204	208	278	285	325	331	318	338
OREG	255	255	347	347	426	418	422	572
PA	417	517	735	765	1153	1173	1371	1222
S C	103	118	193	158	156	221	237	208
S DAK	21	29	42	54	80	91	94	84
TENN	175	187	250	253	300	372	365	353
TEX	820	702	1054	937	1171	1405	1288	1170
UTAH								
VA	294	320	438	426	496	554	592	620
WASH	557	400	505	544	583	649	642	636
W VA	59	74	123	147	188	198	198	198
WIS	215	280	345	366	478	586	538	534
OTHER 1/	1171	1215	1641	1592	1965	2218	2212	2235
U S	12416	13674	18940	19110	23150	26296	25967	26029

SEE FOOTNOTES ON PAGE 51.

TABLE 38--ICE MILK, SOFT
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL	
	SEP	OCT	NOV	DEC	1982 PRODUCTION	1983 PRODUCTION
	1,000 GALLONS					
ALA	161	196	186	155	3657	3102
ALAS	57	51	45	35	516	638
ARK	199	161	140	117	2202	2121
CALIF	1934	1758	1509	1531	18142	20424
COLO	444	376	309	246	4694	4823
FLA	968	837	756	887	10697	10083
GA	900	784	735	706	7160	9675
IDAHO	75	68	72	74	906	1136
ILL	1463	1154	1008	748	16002	16260
IND	468	361	283	220	4980	4880
IOWA	402	284	199	186	4083	4232
KANS	302	247	192	137	2843	3249
LA	458	356	325	298	3986	4448
MD 2/	472	370	320	325	1566	5073
MASS	514	470	363	413	4326	6263
MICH	748	563	499	416	8982	9239
MINN	471	368	304	218	5517	5745
MISS	217	172	151	160	2096	2129
MO	603	503	379	329	6767	6215
MONT	94	55	56	44	893	912
N H					401	
N J	529	495	445	416	4587	5627
N Y	528	426	402	349	5588	6002
N C	486	421	356	292	5553	5399
N DAK	95	68	49	30	825	1155
OHIO	1782	1301	1121	921	18324	20019
OKLA	355	264	234	208	3356	3348
OREG	404	334	290	325	3986	4395
PA	875	666	547	497	9698	9938
S C	195	145	105	69	1704	1908
S DAK	42	34	19	16	596	606
TENN	297	225	181	165	2222	3123
TEX	1288	820	585	468	10859	11708
UTAH					1660	
VA	486	432	346	330	2485	5334
WASH	623	478	419	518	5624	6554
W VA	136	116	73	73	1845	1583
WIS	396	250	185	134	4517	4307
OTHER 1/	2004	1472	1160	999	15415	19884
U S	21471	17081	14348	13055	209260	231537

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	55	59	69	68	92	101	71	80
ARIZ	21	43	37	39	44	66	58	53
ARK	17	16	21	21	24	22	29	26
CALIF	300	313	377	387	427	522	466	550
COLO	45	31	46	31	53	51	51	52
FLA	113	108	154	174	177	165	168	161
GA	23	26	57	43	62	59	55	41
IDAHO	8	11	19	21	19	26	24	19
ILL	117	145	175	154	170	197	268	239
IND	128	122	151	199	171	218	211	218
IOWA	73	99	134	143	204	166	150	157
KANS	25	32	54	43	55	60	60	62
LA	27	29	28	34	32	58	42	45
MD 2/	69	64	109	108	152	142	189	176
MASS	103	93	130	212	214	375	383	265
MICH	84	97	131	114	137	174	166	151
MINN	109	153	177	140	215	189	232	209
MISS	15	10	24	16	20	26	22	27
MO	56	68	86	74	89	97	104	116
MONT	6	7	17	7	4	13	9	9
NEBR								
N J	24	10	21	17	30	32	31	38
N Y	133	113	206	160	175	243	327	287
N C	76	68	101	105	128	166	148	153
N DAK	10	10	12	18	26	24	19	22
OHIO	178	188	293	237	278	358	365	337
OKLA	36	53	43	46	42	63	73	53
OREG	23	17	31	50	36	36	32	58
PA	227	203	298	289	375	445	452	364
S C	83	53	72	86	122	144	114	124
TENN	48	44	86	65	107	105	104	107
TEX	235	231	300	296	352	417	406	439
UTAH	35	36	46	49	47	63	52	54
VA	24	19	29	21	38	54	57	44
WASH	98	92	145	152	188	183	199	162
W VA	11	10	12	13	11	19	23	11
WIS	51	49	93	75	74	107	100	102
OTHER 3/	118	142	186	187	252	279	336	421
U S	2804	2864	3970	3894	4642	5465	5596	5432

SEE FOOTNOTES ON PAGE 53.

TABLE 39--MILK SHERBET 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL	
	SEP	OCT	NOV	DEC	1982 PRODUCTION	1983 PRODUCTION
	1,000 GALLONS					
ALA	69	47	49	47	794	807
ARIZ	64	42	24	39	379	530
ARK	27	22	17	18	280	260
CALIF	450	350	330	283	4747	4755
COLO	46	28	35	28	497	497
FLA	137	152	125	124	1754	1758
GA	26	41	28	25	442	486
IDAHO	16	23	13	18	199	217
ILL	176	103	113	122	2006	1979
IND	194	158	136	148	1423	2054
IOWA	116	82	74	87	1351	1485
KANS	56	32	38	15	534	532
LA	45	27	27	39	442	433
MD 2/	109	70	69	52	1169	1309
MASS	182	110	116	114	2198	2297
MICH	118	95	99	108	1727	1474
MINN	126	72	153	98	1567	1873
MISS	28	13	14	14	305	229
MO	104	59	70	69	1089	992
MONT	4	6	6	3	82	91
NEBR					406	
N J	29	24	19	8	407	283
N Y	195	141	89	137	2678	2206
N C	107	84	91	55	1314	1282
N DAK	10	6	8	7	181	172
OHIO	287	203	147	177	2959	3048
OKLA	63	35	33	29	550	569
OREG	37	29	38	23	462	410
PA	339	233	241	236	3627	3702
S C	95	66	71	61	1053	1091
TENN	90	59	58	43	899	916
TEX	420	273	198	192	3007	3759
UTAH	46	33	26	22	546	509
VA	32	15	15	11	439	359
WASH	106	83	87	109	1295	1604
W VA	15	7	11	11	166	154
WIS	80	65	46	69	723	911
OTHER 3/	209	147	159	160	1878	2596
U S	4253	3035	2873	2801	45575	47629

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, 1983 AND ANNUAL 1982 AND 1983

		1983							
STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
1,000 GALLONS									
FROZEN PRODUCT 1/									
ALA		75	52	20					147
ARK	30	20	18	16		399			310
CALIF 3/	52	52	35	26		1146			807
FLA	11	9	8	10			1		113
ILL	54	46	40	36		812			639
IOWA	73	73	57	30		971			861
MINN						31			
MO	11	8	7	11		495			170
OKLA	18	12	6	6		196			167
TENN						31			
TEX	770	415	145	175		5120			5473
OTHER 2/	116	109	59	64	2	929	7		1507
U S	1135	819	427	394	2	10130	8		10194
MIX FOR FROZEN PRODUCT									
ARIZ	5	7	13	8	12	14	10		14
ARK	11	13	9	15	14	18	15		18
CALIF	36	54	56	40	57	74	51		66
ILL	28	36	36	39	38	45	39		45
IOWA	89	82	113	90	113	87	106		114
MO	2	4	4	4	5	4	8		4
OKLA	6	5	9	9	9	10	12		8
TEX	147	173	200	210	236	351	361		359
WIS	10	7	19	17	14	18	22		14
OTHER 2/	24	24	27	29	35	29	28		28
U S	358	405	486	461	533	650	652		670

TABLE 41--OTHER FROZEN DAIRY PRODUCTS
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

		1983							
STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
1,000 GALLONS									
CALIF	217	222	316	247	318	404	298		380
COLO	3	4	5	7	10	10	10		13
ILL									
IND	27	51	67	77	74	77	91		90
MASS									
MICH	17	29	45	32	56	79	77		65
OHIO	71	98	145	127	132	173	169		153
OKLA	3	4	25	13	17	24	22		23
PA	129	198	219	145	179	185	156		175
TENN	8	11	24	20	20	28	28		34
WIS			3				2		2
OTHER 2/	604	730	1077	1300	1200	1723	1484		1441
U S	1079	1347	1926	1968	2006	2703	2337		2376

SEE FOOTNOTES ON PAGE 55.

TABLE 40--MELLORINE TYPE PRODUCTS (MIX) 5310
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
FROZEN PRODUCT 1/								
ALA		75	52	20				147
ARK	30	20	18	16		399		310
CALIF 3/	52	52	35	26		1146		807
FLA	11	9	8	10			1	113
ILL	54	46	40	36		812		639
IOWA	73	73	57	30		971		861
MINN						31		
MO	11	8	7	11		495		170
OKLA	18	12	6	6		196		167
TENN						31		
TEX	770	415	145	175		5120		5473
OTHER 2/	116	109	59	64	2	929	7	1507
U S	1135	819	427	394	2	10130	8	10194

MIX FOR FROZEN PRODUCT								
STATE	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
ALA		58	41	17				116
ARIZ	9	8	4	5			3	109
ARK	15	10	9	8	5	201	6	155
CALIF	33	32	21	16	6	783	6	536
ILL	36	31	27	26	10	773	8	426
IOWA	86	85	76	74	5	1158	4	1115
MO	3	2	2	3	3	41	3	45
OKLA	11	6	3	2	7	107	7	90
TEX	210	193	151	100	27	2641	27	2691
WIS	32	9	7	8			1	177
OTHER 2/	20	17	16	17	15	322	12	294
U S	455	451	357	276	78	6026	77	5754

TABLE 41--OTHER FROZEN DAIRY PRODUCTS
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
CALIF	373	263	215	155	41	3210	41	3408
COLO	11	1	1	1	3	95	3	76
ILL					6	476		
IND	84	60	49	35	4	767	4	782
MASS					5	283		
MICH	34	26	23	21	6	517	7	504
OHIO	110	79	38	51			13	1346
OKLA	20	19	10	6	3	188	3	186
PA	157	189	129	104	7	1855	6	1965
TENN	35	17	6	14	4	239	4	245
WIS	1		2				2	10
OTHER 2/	1319	1122	608	465	67	17428	71	13073
U S	2144	1776	1081	852	146	25058	154	21595

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	38	60	91	78	47	170	127	143
CALIF	96	203	221	348	379	478	570	462
COLO	24	16	45	41	70	106	111	69
FLA	13	50	105	123	132	131	113	109
ILL	63	72	75	77	73	97	81	112
IND	225	171	203	144	237	293	281	286
MD 3/	35	61	84	121	151	197	192	157
MISS	8	15	21	21	24	41	30	27
N J	11	8	19	20	37	44	54	57
N Y	53	36	88	144	273	313	275	314
N C	93	93	162	167	195	264	256	215
OHIO	117	160	188	254	366	501	461	367
OKLA	6	8	19	21	18	28	30	30
PA	55	53	121	148	317	341	392	323
TENN	18	27	52	38	51	88	85	82
TEX	87	136	209	148	779	1041	240	204
UTAH								
VA	15	19	17	19	12	34	12	13
WIS	139	176	276	343	307	316	296	239
OTHER 2/	579	693	1109	1234	1424	2269	1764	1531
U S	1675	2057	3105	3489	4892	6752	5370	4740

SEE FOOTNOTES ON PAGE 57.

TABLE 42--WATER ICES 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982	1983		
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	108	55	50	34	3	1138	3	1001
CALIF	352	267	131	104	10	3481	11	3611
COLO	16	15	7	2	5	497	5	522
FLA	116	81	87	85	6	1046	6	1145
ILL	71	34	42	32	8	698	8	829
IND	165	133	109	96	5	2147	5	2343
MD 3/	78	73	57	89	7	1565	5	1295
MISS	33	18	11	17	5	337	3	266
N J	25	19	15	7	7	142	7	316
N Y	181	84	89	56	24	2526	30	1906
N C	170	109	83	58	11	1522	12	1865
OHIO	229	119	23	26	13	2626	11	2811
OKLA	17	12	5	3	3	203	3	197
PA	202	88	59	106	14	1742	11	2205
TENN	30	46	24	12	7	518	6	553
TEX	201	114	102	49	13	1946	11	3310
UTAH					5	302		
VA	7	18	31	19	4	268	3	216
WIS	134	115	39	80	4	2186	4	2460
OTHER 2/	877	471	313	323	58	10268	57	12587
U S	3012	1871	1277	1198	212	35158	201	39438

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	493	504	673	577	756	686	526	601
ARIZ	236	238	261	274	300	341	314	286
ARK	184	208	236	254	276	360	306	335
CALIF	3188	3667	4535	4015	4567	5304	4937	5665
COLO	375	357	446	380	505	553	519	543
FLA	1233	1311	1602	1447	1427	1599	1523	1619
GA	227	295	368	361	334	438	396	424
IDAHO	108	142	131	181	171	169	192	167
ILL	1421	1375	1754	1640	1797	2018	2130	2148
IND	704	739	1142	964	1035	1223	1185	1237
IOWA	530	558	755	717	679	841	844	859
KANS	254	268	373	306	373	455	411	465
LA	277	253	348	289	334	500	388	392
MD 1/	363	444	498	555	633	667	690	737
MASS	1251	1326	1950	1773	1977	2260	2374	2285
MICH	1115	1143	1505	1310	1605	1997	1933	1961
MISS	106	124	211	154	191	257	208	227
MO	595	608	801	760	850	830	844	934
MONT	61	58	91	77	88	114	130	124
NEBR	243	279	337	301	322	355	386	421
N H								
N J								
N MEX								
N Y	1856	2005	2735	2172	2346	3117	2768	2700
N C	929	1059	1403	1193	1533	1816	1680	1687
N DAK	57	61	76	61	74	82	88	98
OHIO	1350	1730	2077	1787	2031	2480	2212	2535
OKLA	352	319	408	407	520	571	547	552
OREG	350	317	353	367	376	414	428	477
PA	2179	2504	3437	3147	3625	4485	3921	4544
S C	364	346	475	467	488	529	514	595
TENN	579	687	775	800	795	1004	1001	1083
TEX	1654	1817	2870	2116	2520	2950	3510	3621
UTAH	296	356	408	450	488	475	378	425
VA	373	376	552	629	522	721	727	896
WASH	607	538	737	758	705	860	889	784
W VA	65	79	105	96	106	123	134	114
WIS	639	760	961	715	961	1119	1150	1166
OTHER 2/	3267	3477	4450	4202	5387	5624	5453	5863
U S	27815	30328	39839	35702	40697	47337	45636	48570

SEE FOOTNOTES ON PAGE 59.

TABLE 43--ICE CREAM MIX
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	513	411	379	282	7	6879	7	6401
ARIZ	268	258	166	209	4	2965	5	3151
ARK	276	181	194	180	8	3058	7	2990
CALIF	4746	3993	3580	3480	31	48736	32	51677
COLO	433	350	401	330	11	5033	10	5192
FLA	1564	1328	1273	1264	15	17115	14	17190
GA	328	291	283	217	12	3722	12	3962
IDAHO	199	233	90	141	4	1664	4	1924
ILL	1749	1435	1386	1321	27	18601	24	20174
IND	1227	967	911	831	14	10966	14	12165
IOWA	740	615	538	535	15	7666	11	8211
KANS	398	325	288	257	10	3937	9	4173
LA	429	304	270	322	13	3919	11	4040
MD 1/	612	493	445	433	9	6963	8	6570
MASS	2111	1753	1673	1415	20	21481	19	22148
MICH	1676	1301	1198	1079	30	17354	32	17823
MISS	209	141	148	118	6	2361	5	2094
MO	740	635	532	462	14	8387	14	8591
MONT	84	86	80	61	9	926	9	1054
NEBR	312	297	290	303	8	4769	6	3846
N H					3	564		
N J					12	13401		
N MEX					3	1825		
N Y	2406	1805	1570	1876	41	34009	38	27356
N C	1421	1097	1089	837	17	15539	17	15744
N DAK	78	74	59	65	8	1098	7	873
OHIO	2249	1818	1532	1580	38	22999	35	23381
OKLA	496	397	348	258	11	4840	11	5175
OREG	352	361	335	282	16	4413	16	4412
PA	3702	3057	2961	2874	51	38157	48	40436
S C	526	391	367	329	5	4647	6	5391
TENN	880	680	655	568	14	9577	13	9507
TEX	3145	2103	1808	1630	30	25235	30	29744
UTAH	354	357	319	281	12	4331	12	4587
VA	716	577	487	454	9	5115	7	7030
WASH	722	641	578	614	17	8042	15	8433
W VA	109	79	67	67	6	1171	5	1144
WIS	1031	789	672	726	24	10530	21	10689
OTHER 2/	4863	4180	4026	3680	43	32390	65	54472
U S	41664	33803	30998	29361	627	434385	599	451750

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	235	253	325	300	374	345	272	295
ARK	131	152	181	186	231	282	194	246
CALIF	1056	1115	1401	1326	1662	1693	1693	1875
COLO	192	242	299	303	337	400	403	448
FLA	463	632	811	744	751	779	772	737
GA								
IDAHO	30	41	59	82	111	100	82	79
ILL	639	793	1057	1028	1299	1546	1445	1488
IND	171	229	366	430	472	580	595	554
IOWA	155	184	301	338	449	540	508	537
KANS	219	233	362	345	430	481	479	435
KY	109	125	181	197	259	306	316	303
LA	154	172	214	219	252	275	253	271
MAINE								
MD 2/	114	118	178	177	242	243	270	261
MASS	316	293	511	547	539	689	674	643
MICH	314	357	521	637	787	899	933	838
MISS	85	107	149	134	141	192	183	167
MO	276	331	395	401	470	542	571	605
MONT	34	37	60	63	78	93	100	123
NEBR	124	128	198	214	288	336	354	340
N J	173	194	259	295	322	399	352	393
N Y	351	385	529	509	564	649	673	683
N C	328	338	459	464	598	743	740	707
N DAK	20	32	52	74	83	104	108	99
OHIO	590	723	1142	1126	1481	1805	1775	1725
OKLA	146	148	198	202	230	236	226	241
OREG	176	178	242	240	294	289	291	399
PA	310	387	552	573	868	879	1032	917
S C	104	119	194	159	158	224	238	209
TENN	134	143	191	192	229	282	277	270
TEX	569	581	752	766	834	940	901	971
UTAH	101	107	125	130	167	188	174	199
VA	444	485	659	645	743	832	894	927
WASH	469	340	429	457	494	551	542	539
W VA	23	29	48	57	73	77	77	77
WIS	126	165	201	213	281	344	315	313
OTHER 3/	1068	1228	1635	1690	1947	2222	2171	2127
U S	9949	11124	15236	15463	18538	21085	20883	21041

SEE FOOTNOTES ON PAGE 61.

TABLE 44--ICE MILK MIX 1/
PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	161	194	187	154	12	3730	12	3095
ARK	212	173	150	125	9	2345	9	2263
CALIF	1655	1501	1242	1216	32	17046	32	17435
COLO	336	286	236	186	12	3631	11	3668
FLA	827	715	652	764	21	8878	18	8647
GA					15	5498		
IDAHO	52	47	50	51	4	618	4	784
ILL	1148	905	789	588	31	13279	29	12725
IND	450	345	271	210	15	3955	14	4673
IOWA	383	269	189	178	17	3663	13	4031
KANS	378	309	241	172	14	4168	13	4084
KY	232	182	139	107	10	2212	9	2456
LA	275	214	195	178	18	2505	18	2672
MAINE					7	94		
MD 2/	211	166	142	144	8	2288	8	2266
MASS	483	442	340	385	13	4369	13	5862
MICH	563	422	375	315	24	6914	25	6961
MISS	175	140	122	130	14	1805	13	1725
MO	493	409	308	270	14	4912	14	5071
MONT	83	48	49	39	11	706	11	807
NEBR	278	176	119	103	7	2423	5	2658
N J	337	317	283	266	6	2897	5	3590
N Y	535	428	408	354	28	6878	24	6068
N C	551	478	406	332	19	6708	19	6144
N DAK	59	43	30	19	8	400	5	723
OHIO	1245	899	782	644	39	14032	39	13937
OKLA	252	188	168	148	11	2442	11	2383
OREG	279	232	200	226	17	2849	17	3046
PA	654	501	408	376	42	7259	37	7457
S C	197	146	105	69	7	1795	8	1922
TENN	226	172	138	125	13	2293	12	2379
TEX	844	581	649	570	36	8340	36	8958
UTAH	161	135	112	89	8	1674	9	1688
VA	728	649	523	499	13	7070	12	8028
WASH	528	406	353	436	19	5441	17	5544
W VA	53	45	28	28	7	676	5	615
WIS	233	146	107	78	21	2831	17	2522
OTHER 2/	1783	1428	1264	1126	35	12405	54	19689
U S	17060	13737	11760	10700	637	181029	598	186576

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, 1983 AND ANNUAL 1982 AND 1983

STATE	1983							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	36	39	44	42	61	44	47	51
ARIZ								
ARK	9	8	12	12	13	13	16	14
CALIF	205	203	274	262	291	357	337	380
COLO	30	21	30	20	34	33	38	36
FLA	73	73	107	110	123	116	109	104
GA	16	16	36	27	36	38	34	26
IDAHO	4	8	12	15	12	12	18	7
ILL	81	85	110	104	114	137	176	156
IND	87	90	107	129	134	165	158	170
IOWA	56	84	113	124	170	122	116	138
KANS	17	22	33	21	36	39	39	39
LA	14	18	18	21	21	37	25	29
MD 1/	54	44	74	90	121	101	146	132
MASS	70	71	99	144	167	253	270	183
MICH	59	71	88	79	99	119	112	105
MISS	9	7	15	11	13	17	14	17
MO	32	43	56	47	58	65	63	74
MONT	4	4	10	4	3	8	8	4
NEBR								
N J	12	6	13	11	19	21	19	24
N Y	112	87	139	116	131	167	229	196
N C	46	47	72	62	85	105	92	92
N DAK	5	7	7	10	17	14	13	16
OHIO	118	109	201	159	194	246	274	258
OKLA	22	33	26	29	26	42	43	34
OREG	17	14	35	26	21	24	22	36
PA	142	132	212	202	269	299	312	252
S C	55	36	46	54	77	95	72	81
TENN	33	28	51	48	63	68	68	69
TEX	109	111	149	151	158	186	211	244
UTAH	22	23	29	32	31	40	33	33
VA	16	14	18	14	27	39	43	32
WASH	44	60	88	94	115	117	107	120
W VA	5	4	5	6	6	9	10	6
WIS	34	29	61	47	47	69	64	71
OTHER 2/	159	194	231	224	304	321	356	416
U S .	1807	1841	2621	2547	3096	3538	3694	3645

SEE FOOTNOTES ON PAGE 63.

TABLE 45--MILK SHERBET MIX
 PRODUCTION BY STATES, BY MONTHS, 1983 AND ANNUAL 1982 AND 1983

STATE	1983				ANNUAL			
	SEP	OCT	NOV	DEC	1982		1983	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	45	34	33	29	6	503	6	505
ARIZ					3	243		
ARK	15	13	10	10	5	150	5	145
CALIF	303	242	221	188	26	3235	27	3263
COLO	28	18	23	19	8	329	8	330
FLA	90	99	79	85	12	1116	11	1168
GA	16	26	18	16	7	307	7	305
IDAHO	10	13	10	8	3	129	2	129
ILL	110	70	76	78	19	1284	18	1297
IND	150	123	92	107	11	924	11	1512
IOWA	84	68	61	69	7	1094	7	1205
KANS	36	21	22	10	9	342	8	335
LA	29	17	16	24	10	278	9	269
MD 1/	73	55	39	41	8	843	7	970
MASS	118	80	81	74	17	5834	17	1610
MICH	83	69	63	76	22	1223	23	1023
MISS	17	8	9	9	5	195	4	146
MO	66	39	47	45	13	696	12	635
MONT	2	4	5	3	6	48	5	59
NEBR					7	252		
N J	16	15	11	5	7	268	5	172
N Y	138	90	65	91	23	1758	20	1561
N C	68	53	55	35	15	760	14	812
N DAK	7	3	5	4	6	114	5	108
OHIO	189	138	98	115	28	2013	27	2099
OKLA	39	22	21	17	8	340	8	354
OREG	16	16	23	15	12	289	10	265
PA	215	148	167	154	37	2402	36	2504
S C	63	41	47	44	4	655	5	711
TENN	58	40	37	25	13	587	12	588
TEX	194	129	88	90	23	1778	23	1820
UTAH	29	21	16	13	11	355	11	322
VA	22	11	12	8	6	279	7	256
WASH	92	76	73	86	11	807	11	1072
W VA	8	3	5	5	5	74	4	72
WIS	52	41	30	46	18	476	15	591
OTHER 2/	246	175	213	182	32	2030	36	3021
U S	2727	2021	1871	1826	463	34010	436	31234

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, 1983

STATE	TOTAL FROZEN PRODUCTS 1/					ICE CREAM				ICE MILK 3/			
	PRODUCTION					AS %				OF TOTAL			
	OF TOTAL					ICE CREAM				ICE MILK			
	TOTAL	HARD	SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT
	1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT		1,000 GALLONS		PERCENT		
ALA	19,547	16,445	3,102	84	16	13,266		100		2,225	3,102	42	58
ALAS										638			100
ARIZ						6,201	240	96	4				
ARK	9,473	7,311	2,162	77	23	5,794	30	99	1	958	2,121	31	69
CALIF	134,425	114,001	20,424	85	15	101,070		100		7,369	20,424	27	73
COLO	16,183	11,360	4,823	70	30	10,120		100		743	4,823	13	87
CONN													
FLA	49,852	36,724	13,128	74	26	31,084	2,918	91	9	3,836	10,083	28	72
GA	19,130	9,312	9,818	49	51	8,095	120	99	1	734	9,675	7	93
HAW													
IDAHO	5,868	4,732	1,136	81	19	4,267		100		248	1,136	18	82
ILL	57,727	40,056	17,671	69	31	35,862	822	98	2	2,165	16,260	12	88
IND	34,608	29,389	5,219	85	15	25,734		100		1,940	4,880	28	72
IOWA	25,862	21,489	4,373	83	17	16,619	75	100		2,590	4,232	38	62
KANS						8,133	84	99	1				
KY													
LA	13,526	9,054	4,472	67	33	8,243	24	100		376	4,448	8	92
MAINE													
MD 4/	20,471	14,787	5,684	72	28	12,755	591	96	4	743	5,073	13	87
MASS	55,945	48,227	7,718	86	14	43,079	1,431	97	3	2,875	6,263	31	69
MICH	46,620	36,521	10,099	78	22	33,520	755	98	2	1,582	9,239	15	85
MINN													
MISS	6,880	4,731	2,149	69	31	3,980	20	100		522	2,129	20	80
MO	29,874	23,136	6,738	77	23	19,022	414	98	2	3,061	6,215	33	67
MONT	3,132	2,205	927	70	30	1,916	15	99	1	158	912	15	85
NEBR													
NEV													
N H													
N J										51	5,627	1	99
N MEX													
N Y	60,221	47,025	13,196	78	22	42,773	7,074	86	14	1,657	6,002	22	78
N C	41,702	36,303	5,399	87	13	31,037		100		3,984	5,399	42	58
N DAK	3,654	2,499	1,155	68	32	2,269		100		58	1,155	5	95
OHIO	72,091	51,942	20,149	72	28	46,623		100		2,401	20,019	11	89
OKLA	14,975	11,583	3,392	77	23	9,942	3	100		946	3,348	22	78
OREG	14,226	9,760	4,466	69	31	8,762	71	99	1	408	4,395	8	92
PA	95,083	80,508	14,575	85	15	72,662	4,391	94	6	4,390	9,938	31	69
R I													
S C	15,499	13,591	1,908	88	12	10,170		100		2,330	1,908	55	45
S DAK										606			100
TENN	25,058	21,602	3,456	86	14	18,306	327	98	2	2,290	3,123	42	58
TEX	80,529	64,824	15,705	80	20	54,824	2,432	96	4	2,333	11,708	17	83
UTAH						8,818	54	99	1	470	1,884	20	80
VT													
VA	19,040	13,680	5,360	72	28	12,685		100		636	5,334	11	89
WASH	26,373	19,300	7,073	73	27	15,874	350	98	2	1,961	6,554	23	77
W VA	4,806	3,223	1,583	67	33	2,769		100		300	1,583	16	84
WIS	27,746	22,422	5,324	81	19	19,978	963	95	5	1,587	4,307	27	73
WYO													
OTH STS 2/	181,580	135,523	46,047	75	25	100,098	9,232	92	8	5,573	26,994	17	83
U S	1,231,706	963,275	268,431	78	22	846,350	32,436	96	4	63,560	231,537	22	78

SEE FOOTNOTES ON PAGE 65.

TABLE 46--FROZEN DAIRY PRODUCTS: PRODUCTION, HARD AND SOFT, BY STATES, 1983

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	807		100		147		100			100		
ALAS										100		
ARIZ	351	179	66	34					5	92	3	
ARK	258	2	99	1	301	9	97	3	1	98		1
CALIF	4,755		100		807		100			100		
COLO	497		100							100		
CONN	1,744	14	99	1					28	72		
FLA					113		100		22	77		1
GA									1	99		
HAW										100		
IDAHO	217		100							100		
ILL	1,962	17	99	1	67	572	10	90	5	92		3
IND	1,715	339	83	17						94	6	
IOWA									2	97		1
KANS	524	8	98	2					3	97		
KY									4	95		1
LA									1	99		
MAINE									19	81		
MD 4/	1,289	20	98	2					10	89	1	
MASS	2,273	24	99	1					19	81		
MICH									7	91	1	1
MINN										95	5	
MISS	229		100						1	99		
MO	975	17	98	2	78	92	46	54	6	92	1	1
MONT									2	98		
NEBR									1	99		
NEV									5	91		4
N H									22	78		
N J	266	17	94	6					59	41		
N MEX									1	94		5
N Y									54	45	1	
N C	1,282		100							100		
N DAK	172		100							100		
OHIO	2,918	130	96	4						99	1	
OKLA	569		100		126	41	75	25		99		1
OREG									2	98		
PA	3,456	246	93	7					30	68	2	
R I									18	82		
S C	1,091		100							100		
S DAK										100		
TENN									9	90	1	
TEX	3,009	750	80	20	4,658	815	85	15	15	75	5	5
UTAH									3	97		
VT									63	37		
VA										99		1
WASH									5	93	2	
W VA	154		100							100		
WIS	857	54	94	6					18	81	1	
WYO									1	96	3	
OTH STS 2/	13,777	665	95	5	2,034	334	86	14	25	73	1	1
U S	45,147	2,482	95	5	8,218	1,976	81	19	12	86	1	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, 1983 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	4,393,565	1,118,842	833,565			
COLO						
CONN						
DEL						
FLA						
GA						
IDAHO	410,824	1,080,984				
ILL						
IND	482,252	603,869	28,686			
IOWA	441,467	1,069,559				
KANS	426,247	322,881				
KY		378,454				
LA						
MAINE						
MD						
MASS						
MICH	1,320,847	213,009				
MINN	4,043,003	5,355,374				
MISS		128,816	1,721	60,273		
MO	738,214	718,180				
MONT	44,022					
NEBR	669,673	237,116	234,687			
NEV						
N H						
N J						
N MEX						
N Y	1,142,541	847,120				
N C						
N DAK	114,282	562,448				
OHIO	742,892	436,961		214,865		
OKLA	313,389					
OREG	333,120	305,738				
PA	1,631,776		579,863		94,426	
R I						
S C						
S DAK	189,807	857,616				
TENN	637,317	216,117				
TEX						
UTAH	179,459	650,551				
VT						
VA		30,843	18,962			
WASH	1,464,767	424,460				
W VA						
WIS	6,746,649	11,439,236	3,471,769		157,265	122,386
WYO						
U S 4/	29,341,750	29,313,737	11,692,249	1,525,162	475,465	172,960

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, 1983 1/

STATE	DRY WHOLE MILK	ICE CREAM AND OTHER FROZEN PRODUCTS	OTHER MILK PRODUCTS	TOTAL 2/	DUPLICATIONS	NET TOTAL 3/
1,000 POUNDS						
ALA		224,614	2,459	269,201	57,633	211,568
ALAS		5,156		5,213	99	5,114
ARIZ				691,868	24,539	667,329
ARK		100,000		403,935	24,707	379,228
CALIF		1,704,206		8,383,912	409,693	7,974,219
COLO		201,177	19,216	276,303	8,216	268,087
CONN				696,795	22,125	674,670
DEL				9,022	1,549	7,473
FLA		598,001		608,339	193,307	415,032
GA		198,516		323,179	33,170	290,009
HAW				47,778	17,062	30,716
IDAHO		76,071	3,874	1,889,638	124,697	1,764,941
ILL		605,919		1,830,204	193,277	1,636,927
IND		385,844		1,543,814	95,398	1,448,416
IOWA		318,071	20,598	2,614,967	170,538	2,444,429
KANS		161,643	20,548	984,387	34,723	949,664
KY				1,085,040	42,296	1,042,744
LA		157,006		208,303	8,891	199,412
MAINE				41,433	3,708	37,725
MD		222,500		983,360	73,658	909,702
MASS		718,310		775,068	200,327	574,741
MICH		554,617		2,308,009	73,855	2,234,154
MINN		530,000		10,568,168	459,475	10,108,693
MISS		74,208		287,969	12,592	275,377
MO		327,802	31,758	2,529,196	76,143	2,453,053
MONT		35,530	7,011	125,199	7,148	118,051
NEBR		134,359		1,281,067	86,855	1,194,212
NEV				33,580	1,091	32,489
N H				24,759	7,348	17,411
N J		421,016		828,269	55,065	773,204
N MEX				71,497	2,661	68,836
N Y		814,365	135,249	5,361,513	519,458	4,842,055
N C		522,316		772,223	227,193	545,030
N DAK		39,669	4,917	721,316	55,580	665,736
OHIO		795,866	59,568	2,741,098	180,175	2,560,923
OKLA		184,501	12,361	527,767	31,289	496,478
OREG		158,667	14,587	841,685	35,510	806,175
PA		1,195,109		4,473,599	156,038	4,317,561
R I				24,631	6,022	18,609
S C		177,943		178,303	72,172	106,131
S DAK		5,372		1,233,594	88,694	1,144,900
TENN		293,008	10,867	1,376,008	67,713	1,308,295
TEX		915,013	28,123	1,884,398	102,986	1,781,412
UTAH		155,783		1,259,497	145,028	1,114,469
VT			4,474	759,232	89,376	669,856
VA		217,950		594,395	56,432	537,963
WASH		300,191	32,685	2,298,952	56,583	2,242,369
W VA		52,356		53,589	1,881	51,708
WIS		316,327		22,732,479	1,254,268	21,478,211
WYO				104,210	8,437	95,773
U S 4/	823,316	14,720,008	1,603,314	89,667,961	5,676,681	83,991,280

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, 1983 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	10,113						10,113
ARIZ							
ARK							3,469
CALIF	527,156		491,451				4,094,607
COLO	78,125						78,125
CONN							
DEL							
FLA							
GA							
IDAHO	14,269						379,051
ILL	184,850						184,850
IND	110,063						648,221
IOWA	79,788						1,108,285
KANS	72,031						525,379
KY	115,394						210,456
LA							
MAINE	126,419						
MD 4/	63,150						694,382
MASS							
MICH	150,975		220,812	32,153			1,579,774
MINN				169,235	2,246,453		2,509,988
MISS							
MO	118,275						398,917
MONT	24,350						
NEBR	18,431						
NEV							
N H							
N J							
N MEX	34,800						34,800
N Y	604,788		192,489	23,034	920,128		1,759,054
N C	17,375						17,375
N DAK	22,631				93,159		120,003
OHIO	233,588		160,728		618,948		1,023,659
OKLA	42,875						
OREG	52,056						
PA	274,838		103,113				
R I							
S C							
S DAK							
TENN	42,300						258,814
TEX	101,663						496,691
UTAH	33,825						77,594
VT							
VA	61,388						234,937
WASH	123,413						
W VA							
WIS	176,531	127,035	134,085		1,426,282		2,083,593
U S 5/	3,862,001	153,450	2,024,151	511,467	16,612,486	104,919	23,364,702

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, 1973-84

YEAR	TOTAL	PERCENTAGE DISTRIBUTION					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					
1973	58,678	31.7	40.2	5.0	18.9	4.2	100.0
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

TABLE 50--SKIM MILK EQUIVALENTS OF CERTAIN SKIM-MILK AND BUTTERMILK PRODUCTS, UNITED STATES, 1973-84

YEAR	FULL-SKIM AMERICAN CHEESE	COTTAGE CHEESE CURD	CONDENSED AND EVAPORATED SKIM MILK	NON FAT DRY MILK	CONDENSED AND DRIED BUTTERMILK	TOTAL
	MILLION POUNDS					
1973	67	4,769	2,682	10,188	510	18,241
1974	2/	4,310	2,195	11,281	547	18,334
1975	2/	4,387	2,278	11,103	546	18,389
1976	2/	4,445	2,349	10,253	578	17,720
1977	2/	4,278	2,563	12,260	677	19,777
1978	2/	4,303	2,317	10,196	642	17,458
1979	2/	4,150	2,243	10,063	614	17,070
1980	2/	4,158	2,195	12,844	482	19,847
1981	2/	4,047	2,179	14,543	605	21,374
1982	2/	3,921	2,102	15,514	578	22,125
1983	2/	3,862	2,226	16,612	665	23,365

1/ INCLUDES OTHER SKIM MILK MINOR PRODUCTS. 2/ DISCONTINUED.

TABLE 51--NUMBER OF DAIRY PLANTS MANUFACTURING ONE OR MORE DAIRY PRODUCTS, 1979-83

STATE	1979	1980	1981	1982	1983
ALA	21	19	19	19	14
ALAS	2	2	2	3	3
ARIZ	13	13	12	12	10
ARK	14	14	13	13	13
CALIF	269	263	259	258	255
COLO	28	28	26	23	21
CONN	38	35	33	21	29
DEL	2	1	1	1	1
FLA	24	24	24	24	22
GA	21	20	21	18	19
HAW	5	5	5	5	5
IDAHO	26	25	24	24	24
ILL	88	86	80	78	79
IND	41	41	42	41	40
IOWA	55	56	51	46	40
KANS	30	30	27	26	25
KY	36	34	30	31	32
LA	26	25	25	25	25
MAINE	21	19	18	14	14
MD 1/	19	19	19	18	18
MASS	52	47	46	32	38
MICH	69	65	64	58	60
MINN	96	88	83	83	77
MISS	22	23	22	20	19
MO	42	42	44	43	43
MONT	20	19	19	19	19
NEBR	30	28	24	23	20
NEV	3	3	3	3	3
N H	11	9	6	4	6
N J	31	34	33	32	29
N MEX	5	5	4	4	4
N Y	176	164	147	149	164
N C	26	25	24	24	24
N DAK	26	24	21	20	17
OHIO	112	107	98	95	96
OKLA	20	20	18	17	17
OREG	26	26	26	26	24
P A	120	104	96	95	90
R I	13	13	12	5	10
S C	11	9	9	9	9
S DAK	27	27	25	26	25
TENN	34	31	33	32	39
TEX	47	46	49	51	51
UTAH	23	23	24	24	24
VT	22	21	23	19	21
VA	22	19	22	21	21
WASH	37	34	34	31	29
W VA	10	10	10	10	8
WIS	429	425	419	394	388
WYO	9	7	7	7	6
U S	2,350	2,257	2,176	2,076	2,070

1/ INCLUDES DISTRICT OF COLUMBIA.



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