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# DAIRY PRODUCTS

## ANNUAL SUMMARY 1976



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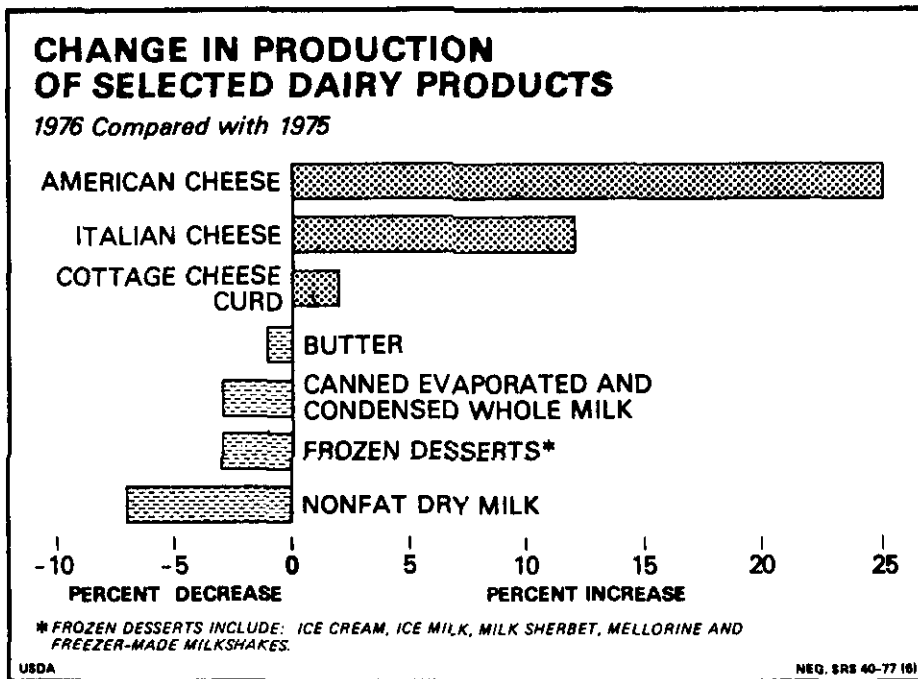


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BUTTER PRODUCTION DECREASED IN 1976

Butter production in the United States during 1976 dropped 1 percent from the previous year to 979 million pounds. Wisconsin was the leading producing State by turning out 23.5 percent of all butter while Minnesota produced 18.1 percent.



CHEESE OUTPUT TOPS RECORD BY 14 PERCENT

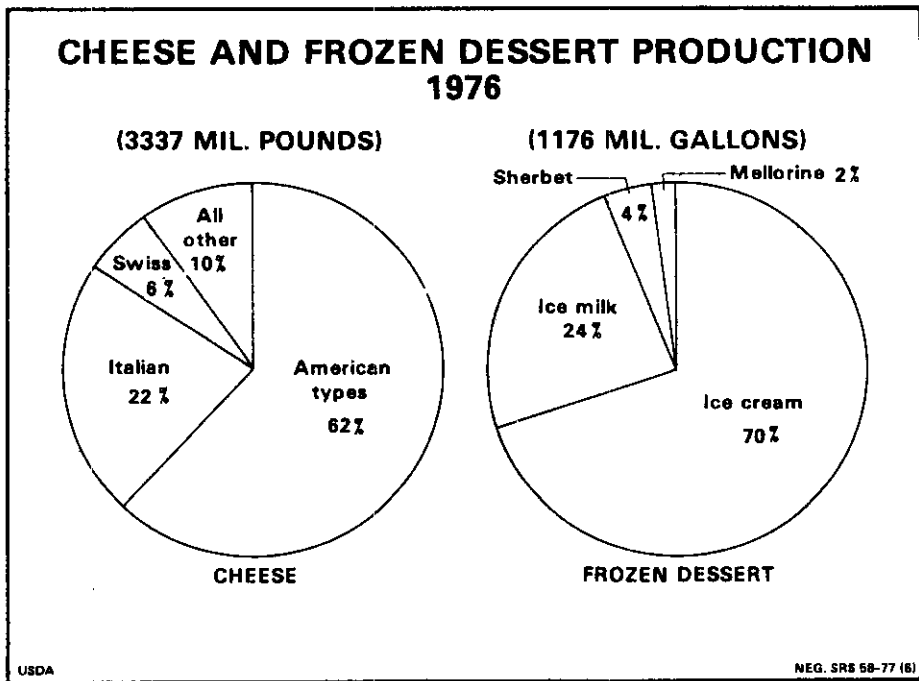
Total cheese production, excluding cottage cheese, increased to 3,337 million pounds, 14 percent above the 1974 record of 2,937 million pounds and 19 percent above 1975's output. All cheese types increased, except Part Skim American, Limburger and Neufchatel. Wisconsin with 37 percent and Minnesota with 13 percent accounted for one-half of the U.S. production.

American varieties were up 25 percent from 1975 and largely accounted for the increase in total cheese production with 62 percent of the Nation's total cheese output. Cheddar registered the largest gain as it increased one-third from a year earlier while other American varieties rose 2 percent.

Italian varieties increased for the 25th consecutive year and set a new high of 748 million pounds in 1976. This output was 11 percent larger than a year earlier. Production of soft varieties, 80 percent of the total, increased 10 percent while hard varieties gained 16 percent.

MORE COTTAGE CHEESE

The 1976 production of creamed cottage cheese totaled 875 million pounds, 2 percent above 1975. Lowfat cottage cheese at 135 million pounds was up 5 percent from last year.



TOTAL FROZEN DAIRY PRODUCTS DECLINE

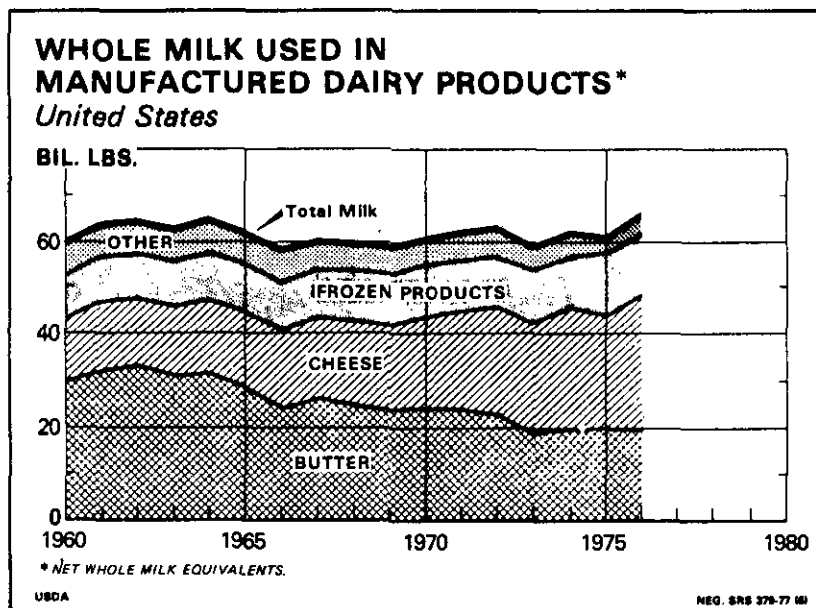
Frozen dairy products (ice cream, ice milk, milk sherbet, mellorine, and "other") totaled 1,187 million gallons in 1976, 3 percent below the record 1975 production of 1,225 million gallons.

Ice cream production in 1976 amounted to 818 million gallons, 2 percent below the 1975 record of 837 million gallons. Ice milk production of 285 million gallons was down 5 percent while milk sherbet production of 50 million gallons was up 2 percent. The 23 million gallons of mellorine dropped 22 percent from a year ago.

The 221 million gallons of ice cream, ice milk, milk sherbet and mellorine sold as soft products in 1976 accounted for about 19 percent of the total frozen products. Ice milk made up the major share of all soft products with 82 percent; ice cream, 15 percent; mellorine, 2 percent; and milk sherbet, 1 percent. Soft frozen dairy products are those sold from direct-serve soft freezers and milk shake machines.

NONFAT DRY MILK LOWER IN 1976

Nonfat dry milk for human food totaled 926 million pounds, 8 percent below 1975. Dry skim milk for animal feed fell to 6 million pounds, 25 percent below a year earlier. Production of dry whole milk of 78 million pounds was up from 1975 by 24 percent while dry buttermilk totaled 46 million pounds, an increase of 8 percent.



#### WHOLE MILK USED FOR DAIRY PRODUCTS--CURRENT YEAR

Manufactured dairy products used 55 percent of the United States 1976 milk production, 1 percentage point above the previous year. Whole milk used for manufacturing products as an equivalent based on milkfat content was 64.7 billion pounds, up 7 percent from 1975.

Whole milk used for cheese production, excluding creamed cottage cheese, totaled 28.8 billion pounds, an increase of 21 percent from a year ago. Milk for American cheese production accounted for most of the increase as it advanced 26 percent from a year earlier while other cheese climbed 9 percent. Whole milk used for cheese production required nearly 45 percent of all milk used for manufactured dairy products, up 5 percentage points from 1975.

Whole milk for butter production in 1976 was slightly less than a year earlier. A total of 21.9 billion pounds was utilized (excluding butter from whey cream). Butter accounted for 30 percent of the total whole milk for all products, down 3 percentage points from last year.

TABLE 1: MILK MARKETINGS AND UTILIZATION FOR MANUFACTURED DAIRY PRODUCTS, UNITED STATES, 1960-76

YEAR	MILK MARKETED		YEAR	MILK MARKETED	
	TOTAL	USED FOR DAIRY PRODUCTS		TOTAL	USED FOR DAIRY PRODUCTS
	MIL. LBS.	PERCENT		MIL. LBS.	PERCENT
1960	113,756	52.5	1969	111,793	52.1
1961	117,007	54.3	1970	112,960	53.1
1962	118,348	54.2	1971	114,789	53.7
1963	117,982	53.1	1972	116,323	53.5
1964	120,531	53.5	1973	112,010	52.4
1965	118,206	52.3	1974	112,296	54.6
1966	114,440	50.6	1975	112,119	53.8
1967	113,567	52.6	1976	117,275	55.2
1968	112,563	52.6			

(COMMENTS CONTINUED ON PAGE 69)

TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1975, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
NUMBER		1,000 POUNDS					
BUTTER	366	100527	90795	98128	103157	101904	88339
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	476	95540	90005	104976	111017	126192	125388
OTHER AMERICAN 1/	249	33005	32927	38137	40498	44125	43999
TOTAL AMER.	568	128545	122932	143113	151515	170317	169387
PART SKIM	5	428	415	427	449	442	474
SWISS	70	13134	11327	13686	14877	16779	17613
MUNSTER	76	3975	3732	4281	4061	4392	4618
BRICK	61	1243	1643	1679	1325	1582	1867
LIMBURGER	7	189	145	172	174	149	114
ITALIAN VARIETIES:							
MOZZARELLA	143	33925	31792	35476	37947	41576	41354
OTHER ITALIAN	130	17054	15930	20463	17358	17928	17674
TOTAL ITALIAN:	185	50979	47722	55939	55305	59504	59028
CREAM	23	10111	10911	15022	9942	10714	15330
NEUFCHATEL	4	258	231	400	395	286	433
BLUE 2/	12	2158	2068	2249	2384	2654	2551
ALL OTHER TYPES 3/	64	3224	3053	3694	3965	4175	3588
TOTAL CHEESE 4/	839	214254	204179	240662	244392	270994	275003
COTTAGE CHEESE:							
CURD 5/	375	57696	55852	60178	60971	64021	62537
CREAMED 6/	368	71207	68082	74651	75639	79013	76771
LOWFAT 7/	178	10376	10189	11240	11066	12332	11439
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	30	73135	67291	72901	77115	94669	95666
EVAPORATED SKIM	7	1108	1107	1365	864	1325	604
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	11	5383	4801	5663	5492	6918	7385
UNSWEETENED	41	14672	13208	18101	20636	21252	21916
SKIM							
SWEETENED	11	2304	2173	2512	2402	2826	2701
UNSWEETENED	113	47598	44558	57067	62533	69431	70757
CONDENSED OR							
EVAPORATED							
BUTTERMILK	8	2323	2150	2750	3394	2897	2967
DRY MILK:							
DRY WHOLE MILK	29	4629	3465	3242	3980	7078	8193
NONFAT DRY MILK							
FOR HUMAN FOOD	153	84587	83325	99305	109846	128655	123099
DRY SKIM MILK							
FOR ANIMAL FEED:	100	689	650	697	744	704	1122
DRY BUTTERMILK	83	5169	4682	4197	4423	4205	3691

SEE FOOTNOTES ON PAGE 7.

TABLE 2--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1975, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
BUTTER	69204	57745	58012	68182	63959	83839	983791
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	110325	95916	84377	85153	82150	93945	1204994
OTHER AMERICAN 1/	39797	35927	32088	34822	33378	40883	449586
TOTAL AMER.	150122	131843	116465	119975	115528	134828	1654580
PART SKIM	489	483	465	447	390	459	5368
SWISS	16968	16231	14046	12686	12324	14087	173758
MUNSTER	4126	4050	4153	4726	4706	5270	52090
BRICK	1816	1805	1758	1556	1628	1691	19593
LIMBURGER	169	144	174	167	139	146	1902
ITALIAN VARIETIES:							
MOZZARELLA	41302	40487	39020	39376	34604	40784	457643
OTHER ITALIAN	16975	15878	17810	18798	15928	21421	214217
TOTAL ITALIAN:	58277	56365	56830	58174	51532	62205	671860
CREAM	10701	9767	14456	14028	16165	16181	155328
NEUFCHATEL	807	680	393	272	420	395	4970
BLUF 2/	2522	2443	2483	2377	1954	2663	28506
ALL OTHER TYPES 3/	3217	3115	3578	3806	3949	4088	43452
TOTAL CHEESE 4/	249214	226946	214801	220214	208735	242013	2811407
COTTAGE CHEESE:							
CURD 5/	61242	57486	58525	58110	52162	52195	700975
CREAMED 6/	76604	71258	70866	71404	63129	63045	861669
LOWFAT 7/	11492	10949	10852	10573	9549	9259	129316
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	87109	78061	70259	67226	64985	78506	926923
EVAPORATED SKIM	923	809	809	665	638	456	10673
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	6189	7609	8241	7785	6485	3319	76270
UNSWEETENED	20880	20682	17070	16624	14855	14493	214389
SKIM							
SWEETENED	2406	3399	3634	2904	2645	2250	32156
UNSWEETENED	73483	67309	59341	56648	55059	54758	718542
CONDENSED OR							
EVAPORATED							
BUTTERMILK	1988	1211	1227	1159	1586	1232	24884
DRY MILK:							
DRY WHOLE MILK	5328	5348	4172	5309	5362	6960	63086
NONFAT DRY MILK							
FOR HUMAN FOOD	92457	68811	48782	45173	50322	67092	1001454
DRY SKIM MILK							
FOR ANIMAL FEED:	877	756	495	449	364	387	7934
DRY BUTTERMILK	2927	2595	2021	2498	2497	3929	42834

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, 1976

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
BUTTER	336	92519	84961	90021	87021	91397	83937
CHEESE TYPES:							
AMERICAN VARIETIES:							
CHEDDAR	469	112639	112795	129254	146705	164411	166146
OTHER AMERICAN 1/	226	35702	34371	40097	43027	43385	43524
TOTAL AMER.	542	148341	147166	169351	189732	207796	209670
PART SKIM	4	361	381	520	488	450	440
SWISS	70	14165	13504	15396	15346	18390	20294
MUNSTER	74	4629	3892	4272	4589	4964	4696
BRICK	57	1542	1519	1680	1676	1787	1815
LIMBURGER	6	146	163	179	148	166	159
ITALIAN VARIETIES:							
MOZZARELLA	149	39751	37018	44319	41678	43688	46053
OTHER ITALIAN	125	19130	17756	21834	22395	20860	21704
TOTAL ITALIAN	191	58881	54774	66153	64073	64548	67757
CREAM	21	11796	10330	14580	11915	10745	13311
NEUFCHATEL	4	406	151	361	275	342	318
BLUF 2/	11	2642	2459	2538	2362	2720	2792
ALL OTHER TYPES 3/	65	3647	3424	3988	4142	3580	4109
TOTAL CHEESE 4/	808	246586	237763	279018	294746	315488	325361
COTTAGE CHEESE:							
CURD 5/	338	56867	55363	67261	62431	62649	62997
CREAMED 6/	336	69330	68466	82157	75817	76419	78235
LOWFAT 7/	162	10987	10637	12712	12010	11980	12240
CANNED MILK:							
EVAPORATED AND							
COND. WHOLE 8/	25	74305	71384	83210	90380	96565	92312
EVAPORATED SKIM	6	815	1088	730	442	782	949
BULK CONDENSED MILK:							
WHOLE							
SWEETENED	14	6987	6972	9142	8102	8393	7944
UNSWEETENED	42	16271	17822	22977	22305	18689	26135
SKIM							
SWEETENED	11	2941	2477	3633	3140	4628	2841
UNSWEETENED	107	47798	49836	59800	63727	76151	78718
CONDENSED OR							
EVAPORATED							
BUTTERMILK	9	2332	2002	2284	2338	2152	1944
DRY MILK:							
DRY WHOLE MILK	25	7445	6919	6494	7332	9067	8008
NONFAT DRY MILK							
FOR HUMAN FOOD	138	61084	68425	78836	91640	105513	108078
DRY SKIM MILK							
FOR ANIMAL FEED:	100	349	395	355	465	794	686
DRY BUTTERMILK	71	4254	3923	4014	3907	5029	3953

SEE FOOTNOTES ON PAGE 9.



TABLE 3--PRODUCTION OF SPECIFIED PRODUCTS, UNITED STATES, BY MONTHS, 1976

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1975
1,000 POUNDS								
BUTTER	71487	65074	64046	78072	77551	92545	978631	99.5
CHEESE TYPES:								
AMERICAN VARIETIES:								
CHEDDAR	148988	137738	121778	117264	114656	133436	1605810	133.3
OTHER AMERICAN 1/	40390	40496	33845	34016	32141	35640	456634	101.6
TOTAL AMER.	189378	178234	155623	151280	146797	169076	2062444	124.7
PART SKIM	410	397	367	345	337	455	4951	92.2
SWISS	18551	18203	16868	15382	14510	15718	196327	113.0
MUNSTER	4878	4702	4717	4717	4426	4844	55326	106.2
BRICK	1561	1410	1554	1540	2030	1673	19797	101.0
LIMBURGER	134	159	150	131	176	165	1876	98.6
ITALIAN VARIETIES:								
MOZZARELLA	44102	43860	41806	39796	41498	42409	505978	110.6
OTHER ITALIAN	19104	19627	19325	18501	20207	22025	242468	113.2
TOTAL ITALIAN	63206	63487	61131	58297	61705	64434	748446	111.4
CREAM	11540	11434	15020	14972	19872	16878	164393	105.8
NEUFCHATEL	284	205	271	388	314	312	3627	73.0
BLUF 2/	3021	2903	2951	3146	3067	3174	33885	118.9
ALL OTHER TYPES 3/	3583	3729	3775	3443	3723	4351	45494	104.7
TOTAL CHEESE 4/	296546	284953	262427	255641	256957	281080	3336566	118.7
COTTAGE CHEESE:								
CURD 5/	61015	59865	60082	56249	55092	51270	711141	101.5
CREAMED 6/	75937	74428	73089	69534	67871	63322	874605	101.5
LOWFAT 7/	11790	11270	11428	10729	10304	9277	135364	104.7
CANNED MILK:								
EVAPORATED AND COND. WHOLE 8/	84931	73353	61080	56569	50152	61255	895496	96.6
EVAPORATED SKIM	1002	1049	479	875	800	918	9929	93.0
BULK CONDENSED MILK:								
WHOLE								
SWEETENED	6605	8473	8033	7789	6406	4361	89207	117.0
UNSWEETENED	23971	22114	19260	15903	17631	16495	239573	111.7
SKIM								
SWEETENED	2236	3521	3895	3138	3067	1998	37515	116.7
UNSWEETENED	68907	71344	61618	57438	49840	50235	735412	102.3
CONDENSED OR EVAPORATED BUTTERMILK	2147	1416	1466	1529	1690	1607	22907	92.1
DRY MILK:								
DRY WHOLE MILK	6338	6512	5180	4557	5228	5008	78088	123.8
NONFAT DRY MILK FOR HUMAN FOOD	96278	76193	56087	56480	53901	73668	926183	92.5
DRY SKIM MILK FOR ANIMAL FEED:								
636	477	407	538	403	390	5915	74.6	
3135	2631	2595	3959	3920	4959	46279	108.0	

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, 1975, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM	1/ 1167	56440	57547	67594	68986	76682	84678
ICE MILK 2/	1/ 746	16625	17238	22713	25309	32065	34262
MILK SHERRET	1/ 850	3119	2963	3695	4014	4847	5868
OTHER FROZEN							
DAIRY PRODUCTS	1/ 98	540	669	842	1043	1338	1640
MELLORINE TYPE							
FROZEN DESSERTS	1/ 124	2199	2394	2593	2776	3125	3257
WATER ICES	1/ 281	1173	1941	2789	3724	5066	6179
MIX FOR PRODUCTS:							
ICE CREAM MIX	891	28950	29567	35118	35862	39851	43766
ICE MILK MIX 3/	907	10415	10653	14165	15684	19860	20933
MILK SHERRET MIX	649	2033	1954	2459	2674	3192	3884
MELI ORTNE MIX	138	1178	1286	1403	1510	1704	1777

SEE FOOTNOTES ON PAGE 11.

TABLE 5--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1975, REVISED

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
CONDENSED WHEY							
SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	29	6299	5256	5848	5560	6109	5582
ANIMAL FEED	12	551	669	577	1029	1105	1078
ACID TYPE:							
HUMAN FOOD AND							
ANIMAL FEED	9	1056	1049	968	1074	814	1115
TOTAL COND.	43	7906	6974	7393	7663	8028	7775
DRY WHEY:							
HUMAN FOOD	78	34583	34685	39164	39838	40801	42659
ANIMAL FEED	122	12905	11497	12645	13290	16400	15134
TOTAL DRY	143	47488	46182	52009	53128	57201	57793
MODIFIED							
DRY WHEY PRODUCTS							
PART DELACTOSED							
HUMAN FOOD	14	2226	2115	2276	2236	1905	1630
ANIMAL FEED	14	10817	10676	11740	9928	10963	11477
PART DEMINERALIZE:							
HUMAN FOOD	3	2735	2435	2527	1848	2169	2172
PART DELACTOSED							
& DEMINERALIZED							
HUMAN FOOD	7	543	444	614	564	449	694
ANIMAL FEED	4	128	164	254	167	152	172
LACTOSE							
HUMAN FOOD	18	12511	13127	14054	9566	9431	9049
ANIMAL FEED	8	329	501	742	3953	4436	4508
TOTAL LACTOSE:	20	12850	13628	14796	13519	13867	13557
WHEY SOLIDS IN							
WFT BLEND							
HUMAN FOOD	21	2395	1978	1961	1715	1983	1492
ANIMAL FEED	16	5609	4802	4473	4968	7342	4861

SEE FOOTNOTES ON PAGE 11.

TABLE 4--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1975, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 GALLONS							
FROZEN PRODUCTS:							
ICE CREAM	87182	81840	74388	66357	56572	58266	836552
ICE MILK 2/	36656	33099	25832	22024	16989	15977	298789
MILK SHERRET	5874	4934	4120	3307	2710	3091	48542
OTHER FROZEN							
DAIRY PRODUCTS	1709	1202	772	519	419	369	11062
MELLORINE TYPE							
FROZEN DESSERTS	3169	2843	2381	2222	1590	1489	30038
WATER ICES	6857	4451	2371	1557	1181	941	38230
MIX FOR PRODUCTS:							
ICE CREAM MIX	45190	41920	38098	34107	29045	29646	431190
ICE MILK MIX 3/	22599	20492	15699	13877	10746	10292	185415
MILK SHERRET MIX	3847	3199	2614	2134	1762	1941	31693
MELLORINE MIX	1711	1535	1242	1146	820	789	16101

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, 1975, REVISED

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1,000 POUNDS							
CONDENSED WHEY							
SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	4860	6053	4979	4175	4581	5406	64708
ANIMAL FEED	1022	1013	1053	1104	1014	971	11186
ACID TYPE:							
HUMAN FOOD AND							
ANIMAL FEED	966	1090	998	1023	865	931	11949
TOTAL COND.	6848	8156	7030	6302	6460	7308	87843
DRY WHEY:							
HUMAN FOOD	38858	36355	32033	31670	32104	36131	439081
ANIMAL FEED	13282	11756	10298	12221	12928	14153	156509
TOTAL DRY	52140	48111	42331	43891	45032	50284	595590
MODIFIED							
DRY WHEY PRODUCTS							
PART DFLACTOSED							
HUMAN FOOD	1714	1848	1681	1749	1742	1763	22885
ANIMAL FEED	10732	11227	10091	8688	6159	6999	119497
PART DEMINERALIZE:							
HUMAN FOOD	1943	1467	1209	1179	1548	1314	21646
PART DFLACTOSED							
& DEMINERALIZED							
HUMAN FOOD	568	549	426	452	410	483	6216
ANIMAL FEED	119	117	112	148	115	150	1798
LACTOSE							
HUMAN FOOD	4461	7922	6635	5886	5136	6571	108349
ANIMAL FEED	3597	2707	2688	2441	2614	2159	30685
TOTAL LACTOSE	12058	10629	9323	8327	7750	8730	139034
WHEY SOLIDS IN							
WET BLENDS							
HUMAN FOOD	1520	2418	2099	2597	2150	2145	24363
ANIMAL FEED	3770	3670	4404	5060	3841	4141	56941

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, 1976

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 GALLONS					
FROZEN PRODUCTS:							
ICE CREAM	1/ 1124	54545	57430	73715	70754	70142	83731
ICE MILK 2/	1/ 718	15344	17523	24501	26002	28067	32324
MILK SHEPHERT	1/ 812	3015	3013	4310	4444	4771	5966
OTHER FROZEN							
DAIRY PRODUCTS	1/ 111	505	686	909	1033	1248	1504
MELLORINE TYPE							
FROZEN DESSERTS	1/ 119	1795	1765	2275	2151	2100	2463
WATER ICES	1/ 281	1744	1985	3811	4288	4514	5793
MIX FOR PRODUCTS:							
ICE CREAM MIX	855	28186	29498	37865	36589	36042	43508
ICE MILK MIX 3/	874	9814	11067	15667	16526	17279	20284
MILK SHEPHERT MIX	618	1949	1972	2843	2938	3137	3935
MELLORINE MIX	132	972	930	1215	1135	1110	1303

SEE FOOTNOTES ON PAGE 13.

TABLE 7--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1976

PRODUCTS	PLANTS	JAN	FEB	MAR	APR	MAY	JUN
	NUMBER	1,000 POUNDS					
CONDENSED WHEY							
SOLIDS CONTENT 1/							
SWEET TYPE:							
HUMAN FOOD	29	8151	7690	6686	9619	9852	10656
ANIMAL FEED	14	929	1053	1195	1715	2144	1872
ACID TYPE:							
HUMAN FOOD AND							
ANIMAL FEED	5	936	1022	875	1126	842	1130
TOTAL COND.	42	10016	9765	8756	12460	12838	13658
DRY WHEY:							
HUMAN FOOD	68	37108	38176	39378	41215	45543	41559
ANIMAL FEED	108	14470	16775	18473	19470	19450	20645
TOTAL DRY	130	51648	52951	57851	60685	64993	62204
MODIFIED							
DRY WHEY PRODUCTS:							
PART DEFACTOSED:							
HUMAN FOOD	14	2447	2035	3062	2823	3534	3645
ANIMAL FEED	18	7341	7398	8534	8138	8996	7633
PART DEMINERALIZE:							
HUMAN FOOD	4	2223	2160	2995	2444	1620	1778
PART DEFACTOSED							
& DEMINERALIZED:							
HUMAN FOOD	5	647	787	773	734	803	820
ANIMAL FEED	3	2/	2/	2/	2/	2/	2/
LACTOSE							
HUMAN FOOD	22	7449	7491	9381	9004	9439	9150
ANIMAL FEED	10	3164	3097	3655	3382	3588	4113
TOTAL LACTOSE:	25	10613	10588	13036	12386	13027	13263
WHEY SOLIDS IN							
WET BLENDS:							
HUMAN FOOD	16	1838	2380	2639	2559	3054	2234
ANIMAL FEED	11	3736	3528	3483	4254	4127	3730

SEE FOOTNOTES ON PAGE 13.

TABLE 6--PRODUCTION OF FROZEN PRODUCTS, UNITED STATES, BY MONTHS, 1976

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1975
1,000 GALLONS								
FROZEN PRODUCTS:								
ICE CREAM	82454	79143	74132	59783	57165	54876	817890	97.8
ICE MILK 2/	33212	31349	25148	19909	15246	15649	285234	95.5
MILK SHERRET	5755	5045	4215	3088	2873	3094	49589	102.2
OTHER FROZEN DAIRY PRODUCTS	1539	1161	747	539	369	372	10612	95.9
MELLORINE TYPE								
FROZEN DESSERTS	2403	2253	2085	1628	1249	1117	23284	77.5
WATER ICES	5586	4221	2454	1501	1166	938	38001	99.4
MIX FOR PRODUCTS:								
ICE CREAM MIX	42557	40843	37379	30356	29135	27749	419726	97.3
ICE MILK MIX 3/	20531	19341	15580	12422	10437	10023	178971	96.5
MILK SHERRET MIX	3750	3258	2745	2023	1900	1965	32435	102.3
MELLORINE MIX	1266	1204	1114	861	657	595	12362	76.8

1/ PLANT COUNT DOES NOT INCLUDE COUNTER-FREEZERS.

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

TABLE 7--PRODUCTION OF WHEY AND MODIFIED WHEY PRODUCTS, U.S., BY MONTHS, 1976

PRODUCTS	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	PERCENT OF 1975
1,000 POUNDS								
CONDENSED WHEY								
SOLIDS CONTENT 1/								
SWEET TYPE:								
HUMAN FOOD	9419	9574	9561	4926	8531	9037	107702	146.4
ANIMAL FEED	2321	1949	1780	3618	3160	2066	23822	213.0
ACID TYPE:								
HUMAN FOOD AND								
ANIMAL FEED	832	679	972	824	920	985	11143	93.3
TOTAL COND.	12572	12222	12313	13368	12611	12088	142667	162.4
DRY WHEY:								
HUMAN FOOD	39962	39811	38888	38167	37259	42962	480118	109.3
ANIMAL FEED	17076	16085	11660	9087	9465	10987	181643	116.1
TOTAL DRY	57038	55896	50548	47254	46724	53949	661761	111.1
MODIFIED								
DRY WHEY PRODUCTS								
PART DELACTOSED								
HUMAN FOOD	2637	2442	2288	2051	2265	2896	32145	140.5
ANIMAL FEED	8344	8377	8792	8494	7893	8311	98161	82.1
PART DEMINERALIZE:								
HUMAN FOOD	2176	2340	2247	2451	1643	2099	26176	120.9
PART DELACTOSED & DEMINERALIZED:								
HUMAN FOOD	578	345	755	633	653	540	8108	130.4
ANIMAL FEED	2/	2/	2/	2/	2/	2/	529	29.4
LACTOSE								
HUMAN FOOD	8629	8187	8139	7504	7701	8184	100258	92.5
ANIMAL FEED	2777	2548	2741	2587	2670	2819	37141	121.0
TOTAL LACTOSE	11406	10735	10880	10091	10371	11003	137399	98.8
WHEY SOLIDS IN WFT BLENDS								
HUMAN FOOD	2046	1868	2256	1908	2487	1983	27252	111.9
ANIMAL FEED	4880	3214	3811	3906	3910	3949	46528	81.7

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.  
2/ MONTHLY DATA NOT PUBLISHED TO AVOID DISCLOSURE OF INDIVIDUAL PLANT OPERATIONS.

TABLE 8--BUTTER  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	13976	12276	13382	12676	13157	12762	12262	12854
COLO	626	651	521	441	346	250	188	183
IDAHO	733	633	630	696	608	619	326	503
ILL	1302	1198	1093	1078	1026	984	719	761
IND	1492	1602	2099	2212	2817	2717	1793	1832
IOWA	2872	3313	3576	3445	3909	4170	3588	2815
KANS 2/	1094	1008	1076	1132	1348	1354	1122	1020
KY	2049	1791	1615	1604	1504	1207	1430	1311
LA	1/	1/	1/	1/	1/	1/	1/	1/
MICH	2181	2109	2450	2713	2621	2333	2238	2053
MINN	16904	15952	18902	17307	17228	16727	14744	10614
MO	2276	1717	1920	1961	1907	1711	1359	1384
MONT	182	151	178	151	148	165	147	148
NEBR	1596	1316	1461	1421	1536	1289	1554	1310
N Y	3098	2896	2459	2840	4363	2938	1414	1163
N DAK	740	702	807	717	713	660	493	437
OHIO	1480	1696	1850	1709	1567	1266	1171	1194
OKLA	2232	1957	2118	1842	1633	1194	989	746
OREG	1127	887	1014	1077	1223	1072	1053	999
PA	2522	2152	1928	2089	1774	1809	1273	1477
S DAK	801	690	819	880	873	930	811	740
TENN	2448	1677	1439	1326	1409	1302	913	611
TEX	643	783	460	313	182	112	108	107
UTAH	780	715	533	485	436	381	279	282
VT	797	580	883	985	833	317	363	56
WASH	2863	2556	2506	2542	3110	2828	2646	2589
WIS	21162	19773	20885	19691	20671	19558	15825	15354
OTHER 1/	3743	4180	3367	3688	4465	3282	2679	2531
U S	92519	84961	90021	87021	91397	83937	71487	65074

TABLE 9--SWISS CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
ILL	2795	2865	3587	3106	3962	5370	4211	4190
OHIO	1971	1888	2268	2337	2739	2852	2644	2691
PA	1061	879	673	1244	1518	1752	1583	1436
UTAH 2/	1677	1576	1655	1644	1798	1780	1875	1722
WIS	2951	2816	2867	2707	3399	3258	3413	3371
OTHER 1/	3710	3480	4366	4308	4974	5282	4825	4793
U S	14165	13504	15396	15346	18390	20294	18551	18203

SEE FOOTNOTES ON PAGE 15.

TABLE 8--BUTTER  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS	
CALIF	11399	11857	9276	11199	22	135649	20	147036
COLO	321	487	439	398	6	5789	4	4861
IDAHO	518	652	512	563	10	12578	10	6993
ILL	1020	1025	1187	1366	8	13115	8	12759
IND	1683	1575	1356	1191	9	19654	9	22769
IOWA	2313	2526	2941	4200	15	41898	12	39668
KANS 2/	958	1520	1338	1845	2	12478	2	14815
KY	1472	1648	1844	1891	3	19229	3	19406
LA	1/	1/	1/	1/	3	1487	1/	1/
MICH	1825	2202	2479	2749	14	21162	11	27953
MINN	9596	11690	12801	14899	59	217861	54	177454
MO	1148	1691	1619	2221	6	22490	5	20914
MONT	160	168	159	162	8	2100	8	1919
NEBR	1328	1456	1626	1730	10	19273	10	17623
N Y	1146	2139	1258	2509	26	36326	25	28223
N DAK	422	385	498	586	19	9221	13	7230
OHIO	1420	1974	2644	3267	8	19237	9	21638
OKLA	1049	1926	2309	2305	3	21010	3	20300
OREG	1003	988	903	1033	12	12107	12	12379
PA	1704	2110	2143	2420	11	24543	11	23441
S DAK	719	745	786	911	13	12915	11	9705
TENN	977	1524	1952	2679	5	19121	5	18277
TEX	131	184	308	544	4	2168	3	3895
UTAH	414	467	433	448	6	7307	6	5653
VT	256	950	416	654	5	4608	4	7090
WASH	2329	2940	2235	2527	14	28695	13	31671
WIS	15914	18767	19788	22823	46	214276	44	230211
OTHER 1/	2821	4476	4091	5425	19	28494	21	44748
U S	64046	78072	77551	92545	366	983791	336	978631

TABLE 9--SWISS CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS	
ILL	4694	3678	3625	4275	10	44203	10	46358
OHIO	2268	2285	2186	2349	18	21767	18	28478
PA	686	733	583	780	6	11839	6	12928
UTAH 2/	1591	1658	1606	1601	2	19654	2	20173
WIS	3049	2963	2815	2879	23	33349	23	36508
OTHER 1/	4570	4065	3695	3834	11	42946	11	51882
U S	16868	15392	14510	15718	70	173758	70	196327

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
ARK	835	819	1076	1181	1313	1272	1300	1216
CALIF	7477	7637	9044	9558	10379	11024	10105	10393
CONN	367	375	451	422	309	350	291	322
IDAHO	6094	5108	7047	6954	7705	9357	8601	8162
ILL	7168	7018	8470	7965	8226	9512	8162	8074
IND	2469	2482	2881	2887	3169	3203	3246	3192
IOWA	15643	13865	15968	16392	17248	18279	16622	16892
KANS	1967	2528	3093	3418	3715	3526	3255	2368
KY	3861	3424	4886	5953	7054	6666	7106	6478
LA	1/	1/	1/	1/	1/	1/	1/	1/
MASS	461	470	568	573	495	522	412	470
MICH	2519	2409	2886	2744	3112	3514	2893	3024
MINN	31659	32112	34748	39024	41425	39268	35107	35661
MO	3836	3928	4860	5839	6966	7615	7467	6305
MONT	98	94	110	153	247	317	223	186
NEBR	4778	4682	5013	5286	5897	6279	6084	5722
N J	1347	1308	1917	1686	1164	1240	937	1080
N Y	18624	18169	22909	22428	22788	23948	20581	20128
N DAK	4017	3610	4331	4706	5244	5512	5211	4335
OHIO	5977	5421	6749	7324	8355	8528	7568	7024
OKLA	196	210	383	586	927	1116	1070	755
OREG	1832	1913	2182	2203	2520	2439	2455	2396
PA	7062	6229	6905	7803	8030	8278	7458	7914
R I	125	119	128	220	106	100	99	108
S DAK	5131	5053	5651	5799	6131	6137	5762	5301
TENN	1807	1467	2464	3615	3380	3724	3625	3003
TEX	124	95	63	844	1732	2119	1839	1148
UTAH	5098	5219	5781	5469	5109	6273	6085	5456
VT	4431	4246	4816	4980	5593	5832	4892	4876
WASH	2140	2073	2618	2573	2812	2633	2867	2855
WIS	96079	91683	104392	108813	116790	119148	108924	104656
OTHER 1/	3364	3997	6448	7348	7557	7630	6299	5453
U S	246586	237763	279018	294746	315488	325361	296546	284953

TABLE 11--BRICK CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
IDAHO	25	14	11	12	24	20	14	29
OHIO	16	17	24	22	10	18	20	15
WIS	1054	962	1054	1097	1230	1233	1059	914
OTHER 1/	457	526	591	545	523	544	468	452
U S	1552	1519	1680	1676	1787	1815	1561	1410

SEE FOOTNOTES ON PAGE 17.



TABLE 10--TOTAL CHEESE, EXCLUDING COTTAGE CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
					NUMBER	1,000 LBS	NUMBER	1,000 LBS
ARK	1962	948	893	919	4	12233	4	12834
CALIF	9127	8805	9188	9375	34	92877	31	112112
CONN	396	402	397	417	9	4222	9	4499
IDAHO	8219	6445	7044	7701	15	74770	15	88637
ILL	8080	7044	7103	7902	28	86113	28	94724
IND	2621	2455	2326	2502	6	27108	5	33433
IOWA	15597	15704	15965	15915	21	146916	21	194110
KANS	1493	1735	1648	2370	11	29214	11	31536
KY	5087	5279	4337	4773	14	53164	12	64904
LA	1/	1/	1/	1/	4	5325	1/	1/
MASS	547	526	491	588	10	5288	10	6123
MICH	3058	2697	2745	2539	15	27064	15	34140
MINN	33230	34043	34867	39347	27	316189	27	430491
MO	5570	5754	5984	5792	16	69196	14	69916
MONT	138	89	84	105	5	1933	3	1844
NEBR	4986	4518	4628	4986	15	59311	15	62859
N J	1460	1429	1648	1627	8	17013	8	16843
N Y	21546	20708	21635	22085	48	217560	46	255639
N DAK	3539	3503	3682	4273	15	47188	14	51962
OHIO	5746	5839	5451	6766	24	66107	25	80748
OKLA	541	450	342	750	3	4301	3	7326
OREG	2282	2319	1994	2125	6	22971	6	26660
PA	7557	7146	6527	6744	23	67985	23	87743
R I	116	126	152	173	3	1465	3	1572
S DAK	4964	4927	4992	5296	19	63537	18	65144
TENN	2846	2963	2720	3224	11	32353	10	34838
TEX	883	910	587	1317	4	5552	4	11661
UTAH	4749	4754	4657	5116	8	57824	9	63766
VT	4362	3724	3236	3752	11	39589	11	54740
WASH	2539	1935	2700	2766	8	23547	7	30501
WIS	96696	95197	95679	104468	393	1089978	379	1242515
OTHER 1/	3011	3067	3205	5367	21	43514	22	62746
U S	262427	255641	256957	281080	839	2811407	808	3336564

TABLE 11--BRICK CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
					NUMBER	1,000 LBS	NUMBER	1,000 LBS
IDAHO	16	19	20	7	1/	1/	3	211
OHIO	16	21	18	14	3	227	3	211
WIS	1011	949	1501	990	38	13596	36	13144
OTHER 1/	511	551	401	662	20	5770	15	6231
U S	1554	1540	2020	1673	61	19593	57	19797

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
ARK	491	564	746	706	726	726	700	623
CALIF	447	434	597	733	766	866	920	894
IDAHO	4713	4781	5143	5211	6101	7202	6664	6305
ILL	1879	1925	2315	2329	1687	1455	1290	1144
IND	2006	2077	2435	2486	2753	2796	2897	2873
IOWA	9709	8274	9080	10372	10670	11084	10114	10798
KANS	1839	2423	2954	3287	3580	3374	3123	2261
KY	2512	2563	3727	4680	5830	5528	5725	5180
LA	2/	2/	2/	2/	2/	2/	2/	2/
MICH	1260	1178	1458	1493	1575	1758	1848	1804
MINN	26601	27441	29264	33972	36037	34196	29602	29733
MO	2695	2797	3371	4688	5848	6163	5437	4934
MONT	98	94	110	153	247	317	223	186
NEBR	2435	2316	2570	2719	3139	3098	3118	2788
N Y	5602	5827	7322	8588	8918	8650	8087	7017
N DAK	4017	3610	4321	4706	5244	5512	5211	4335
OHIO	1628	1664	2106	2493	3150	3037	2663	1928
OKLA	196	210	383	586	886	1083	993	742
PA	3063	2919	3164	3175	3432	3304	3043	3424
S DAK	3332	3340	3808	3863	4119	4091	3839	3553
TENN	846	1149	1566	2150	2546	2529	2339	2195
UTAH	3419	3643	4121	3823	3311	4492	4210	3733
VT	1326	1462	1530	1705	2107	2340	1900	1782
WASH	1128	1076	1320	1391	1521	1465	1699	1628
WIS	62565	60321	68668	74797	82759	83868	74409	70520
OTHER 2/	4534	5078	7152	9626	10944	10737	9324	7854
U S	148341	147166	169351	189732	207796	209670	189378	178234

TABLE 13--MUNSTER CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
IDAHO	25	9	63	42	18	26	46	38
ILL	433	371	407	367	401	407	408	426
WIS	3458	2930	3313	3624	3934	3655	3759	3744
OTHER 2/	713	583	499	556	611	608	665	494
U S	4629	3892	4272	4589	4964	4694	4878	4702

SEE FOOTNOTES ON PAGE 19.

TABLE 12--TOTAL AMERICAN TYPE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ARK	671	619	417	600	4	6375	4	7589
CALIF	771	845	847	833	12	5818	12	8973
IDAHO	5752	4675	4831	5387	14	53663	15	66785
ILL	764	824	852	805	13	14914	13	17269
IND	2246	2071	2037	2287	5	22149	4	28964
IOWA	9499	9013	9039	8844	18	76174	18	116516
KANS	1767	1590	1511	2236	11	27493	10	29945
KY	3827	3710	2872	3296	12	40583	9	49450
LA	2/	2/	2/	2/	3	697	2/	2/
MICH	1673	1531	1482	1371	9	15434	10	18431
MINN	27586	28608	28809	33313	21	260039	22	365162
MO	4071	3924	3603	3945	15	44364	13	51476
MONT	138	89	84	105	5	1933	3	1844
NEBR	2591	2489	2444	2570	10	30345	10	32177
N Y	5697	5125	4035	5435	15	56130	15	80313
N DAK	3538	3503	3682	4273	15	47188	14	51962
OHIO	1251	1806	1343	2097	6	16370	8	25166
OKLA	538	450	342	750	3	4185	3	7159
PA	3250	3255	2598	2400	3	29923	3	37027
S DAK	3283	3197	3223	3449	17	43465	16	43177
TENN	1740	1162	1041	1274	10	21389	9	20536
UTAH	3167	3096	3051	3514	8	38138	9	43580
VT	1386	1137	808	1125	7	15753	8	18608
WASH	1263	723	1538	1567	6	9241	5	16319
WIS	63716	62251	61313	70067	301	705995	285	875254
OTHER 2/	5438	5587	4975	7513	25	67822	24	88762
U S	155623	151280	146797	169076	568	1654580	542	2062444

TABLE 13--MUNSTER CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
IDAHO	36	35	18	51	2/	2/	3	406
ILL	360	300	310	336	8	3719	7	4526
WIS	3684	4000	3545	3988	53	41769	53	43654
OTHER 2/	637	382	533	469	15	5602	11	6740
U S	4717	4717	4426	4844	76	52090	74	55326

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	47	20	28	129	221	216	288	308
IDAHO	2270	2368	2857	3026	2754	4349	3947	3709
ILL	391	466	599	701	851	957	819	698
IOWA	4827	4047	4444	5587	5778	6318	5682	7125
KANS	1/	1/	1/	1/	1/	1/	1/	1/
LA	1/	1/	1/	1/	1/	1/	1/	1/
MICH	1/	1/	1/	1/	1/	1/	1/	1/
MINN	25299	26046	27495	30862	32867	32387	28287	26162
MO	1/	1/	1/	1/	1/	1/	1/	1/
MONT	98	94	110	153	247	317	223	186
NEBR	884	1041	974	1023	1124	1086	1090	884
N Y	5218	5494	6918	8293	8435	8151	7645	6606
OREG	1786	1866	2129	2156	2439	2396	2369	2319
S DAK	3105	3220	3741	3730	3975	3963	3716	3438
TENN	623	939	1290	1884	2092	2011	1939	1693
UTAH	2910	3222	3565	3371	2864	3953	3682	3277
WASH	1/	1/	1/	1/	1/	1/	1/	1/
WIS	49283	47373	53460	58375	66321	67251	59063	55645
OTHER 1/	15998	16599	21634	27415	32439	32791	30238	25698
U S	112639	112795	129254	146705	164411	166146	148988	137738

SEE FOOTNOTES ON PAGE 21.

TABLE 15--BLUE CHEESE 2/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
WIS	1508	1551	1515	1266	1577	1738	1839	1839
OTHER 1/	1154	908	1023	1096	1143	1054	1192	1154
U S	2662	2459	2538	2362	2720	2792	3031	2993

SEE FOOTNOTES ON PAGE 21.

TABLE 14--CHEDDAR CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS	
CALIF	239	236	248	239	6	1044	7	2229
IDAHO	3236	2141	2091	2503	11	24456	14	36251
ILL	349	401	417	354	6	5852	10	6993
IOWA	6345	5748	5926	5556	17	35544	18	67403
KANS	1/	1/	1/	1/	10	23639	1/	1/
LA	1/	1/	1/	1/	3	697	1/	1/
MICH	1/	1/	1/	1/	4	5637	1/	1/
MINN	25592	26756	27559	32150	19	235087	22	342462
MO	1/	1/	1/	1/	13	35903	1/	1/
MONT	178	89	84	105	5	1933	3	1844
NEBR	980	786	740	818	9	12669	8	11434
N Y	5198	4695	3611	5103	14	52221	15	75367
OREG	2216	2233	1917	2047	6	22395	6	25873
S DAK	3170	3071	3102	3308	17	38351	16	41439
TENN	1282	841	747	988	9	17111	8	16329
UTAH	2696	2620	2551	2978	8	32355	9	37689
WASH	1/	1/	1/	1/	6	7227	1/	1/
WIS	50872	49401	48645	55525	253	502169	245	661214
OTHER 1/	19465	18246	16908	21762	60	150704	88	279283
U S	121778	117264	114656	133436	476	1204994	469	1605810

TABLE 15--BLUE CHEESE 2/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS	
WIS	1812	1955	1839	1940	5	15865	5	20379
OTHER 1/	1139	1191	1228	1234	7	12641	6	13506
U S	2951	3146	3067	3174	12	28506	11	33885

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	400	414	559	604	545	650	632	586
IDAHO	2443	2413	2306	2185	2347	2853	2717	2596
ILL	1428	1459	1716	1628	1136	498	471	456
IOWA	4892	4227	4616	4795	4892	4766	4432	3673
KANS	2/	2/	2/	2/	2/	2/	2/	2/
MICH	2/	2/	2/	2/	2/	2/	2/	2/
MINN	1302	1395	1749	3110	2170	1809	1315	3571
MO	2/	2/	2/	2/	2/	2/	2/	2/
NEBR	1551	1275	1596	1696	1911	2012	2028	1904
N Y	384	333	414	295	483	499	442	411
S DAK	327	120	147	133	144	128	123	115
TENN	223	210	276	266	454	517	400	502
UTAH	509	421	556	452	447	539	528	456
WASH	2/	2/	2/	2/	2/	2/	2/	2/
WIS	13242	12948	15228	16422	16438	16617	15346	14875
OTHER 2/	8911	9156	10914	11451	12718	12636	11956	11351
U S	35702	34371	40097	43027	43385	43524	40390	40496

TABLE 17--CREAM CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	420	478	588	532	446	370	392	440
PA	571	567	652	638	664	715	591	668
OTHER 2/	10445	9285	13340	10745	9635	12226	10557	10326
U S	11796	10330	14580	11915	10745	13311	11540	11434

SEE FOOTNOTES ON PAGE 23.

TABLE 16--OTHER AMERICAN VARIETIES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975 PLANTS:PRODUCTION	1976 PLANTS:PRODUCTION	1975 PLANTS:PRODUCTION	1976 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	532	609	619	594	11	4774	11	6744
IDAHO	2516	2534	2740	2884	9	29207	12	30534
ILL	415	423	425	451	9	9062	9	10276
IOWA	3154	3265	3113	3308	8	40630	8	49113
KANS	2/	2/	2/	2/	4	3854	2/	2/
MICH	2/	2/	2/	2/	5	9797	2/	2/
MINN	1994	1852	1250	1163	7	24952	4	22700
MO	2/	2/	2/	2/	5	8461	2/	2/
NEBR	1611	1703	1704	1752	6	17676	7	20743
N Y	499	430	424	332	7	3909	7	4946
S DAK	113	126	121	141	5	5114	5	1738
TENN	458	321	294	286	3	4278	3	4207
UTAH	471	476	500	536	4	5783	4	5891
WASH	2/	2/	2/	2/	3	2014	2/	2/
WIS	12944	12850	12648	14542	130	203826	107	174040
OTHER 2/	9238	9427	8293	9651	33	76249	49	125702
U S	33845	34016	32141	35640	249	449586	226	456634

TABLE 17--CREAM CHEESE  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975 PLANTS:PRODUCTION	1976 PLANTS:PRODUCTION	1975 PLANTS:PRODUCTION	1976 PLANTS:PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
CALIF	443	571	746	695	6	4728	4	6121
PA	721	587	749	849	3	5424	3	7932
OTHER 2/	13956	15814	18377	15334	14	145176	14	150340
U S	15020	16972	19872	16878	23	155328	21	164393

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	6190	6276	7365	7713	9668	9233	8294	8548
CONN	366	374	450	420	308	350	290	321
ILL	1681	1543	1827	1833	1833	1937	1904	1958
MASS	350	360	432	443	361	381	283	333
MINN	3692	3549	4352	3870	4149	3953	4136	4829
NEBR	2343	2366	2443	2567	2858	3181	2966	2933
N J	1347	1308	1917	1686	1164	1240	937	1080
N Y	8381	7497	9468	9623	9210	9533	9202	8522
PA	2338	1796	2436	2677	2333	2460	2202	2350
VT	1742	1406	1748	1598	1653	1699	1572	1589
WASH	1012	997	1298	1182	1281	1168	1168	1227
WIS	20081	19219	22412	20734	19895	21141	19904	20119
OTHER 1/	9318	8083	10005	9737	10835	11481	10348	9678
U S	58881	54774	66153	64073	64548	67757	63206	63487

TABLE 19--MOZZARELLA AND SIMILARS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	5526	5550	6562	6935	8058	8538	7691	7902
CONN	220	225	281	209	186	230	168	197
ILL	805	695	816	830	871	919	916	1042
MASS	148	167	188	148	171	197	76	92
MINN	1/	1/	1/	1/	1/	1/	1/	1/
NEBR	2135	2229	2303	2419	2658	2767	2555	2456
N Y	5427	4619	5378	5643	6120	6619	6638	5920
PA	1397	920	1378	1447	1488	1329	1420	1479
WIS	12892	12627	14772	12795	11730	12283	11831	12373
OTHER 1/	11201	9986	12641	11252	12406	13171	12807	12799
U S	39751	37018	44319	41678	47688	46053	44102	43960

SEE FOOTNOTES ON PAGE 25.



TABLE 18--ITALIAN CHEESE, TOTAL  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SFP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	7406	6898	7072	7345	13	76321	12	91008
CONN	395	400	396	415	8	4211	8	4485
ILL	1895	1874	1948	2147	8	19930	8	22380
MASS	402	383	357	472	7	4054	7	4557
MINN	4691	4543	5121	4669	5	38164	6	51554
NERR	2394	2028	2192	2414	5	28966	5	30675
N J	1460	1429	1648	1627	8	17013	8	16843
N Y	8961	8559	9256	10169	26	95251	25	108381
PA	2862	2528	2560	2671	14	20763	14	29213
VT	1654	1495	1384	1502	5	17357	5	19172
WASH	1276	1212	1162	1199	4	14306	4	14182
WIS	19313	18542	19838	19874	56	230886	58	241072
OTHER 1/	8422	8406	8781	9830	26	104638	31	114924
U S	61131	58297	61705	64434	185	671860	191	748446

TABLE 19--MOZZARELLA AND SIMILARS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SFP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	6720	6212	6275	6573	12	68065	11	82542
CONN	250	257	237	248	6	2389	7	2708
ILL	995	937	910	948	7	9991	7	10684
MASS	149	147	121	142	4	1178	5	1746
MINN	1/	1/	1/	1/	4	20454	1/	1/
NERR	1953	1846	2002	2223	4	27233	4	27546
N Y	5491	5353	5108	5359	18	56615	17	67275
PA	1897	1513	1342	1606	11	12967	11	17236
WIS	11762	11224	12356	12517	42	144119	42	149162
OTHER 1/	12589	12307	13127	12793	35	114632	45	147079
U S	41806	39796	41498	42409	143	457663	149	505978

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 POUNDS							
CALIF	664	726	803	778	610	695	603	646
CONN	146	149	169	211	122	120	122	124
ILL	876	848	1,011	1,003	962	1,018	988	916
MASS	202	193	244	295	190	184	207	241
NEBR	208	137	140	148	200	414	411	477
N Y	2,954	2,878	4,090	3,980	3,090	2,914	2,564	3,002
PA	941	876	1,058	1,230	845	1,131	782	871
WIS	7,189	6,592	7,640	7,939	8,165	8,858	8,073	7,746
OTH STS 1/	5,950	5,357	6,679	6,811	6,676	6,370	5,354	5,604
U S	19,130	17,756	21,834	22,395	20,860	21,704	19,104	19,627

1/ SEE FOOTNOTE ON PAGE 27.

TABLE 21--ITALIAN CHEESE PRODUCTION IN THE UNITED STATES, 1975 AND 1976  
A. BY MAJOR TYPES

TYPES	1975		1976		1976 AS % OF 1975	
	1,000 POUNDS				PERCENT	
HARD:						
PROVOLONE AND SIMILARS	57,864		67,155		116	
ROMANO AND SIMILARS	32,566		21,551		66	
PARMESAN AND SIMILARS	33,028		54,309		164	
OTHER HARD	6,559		7,634		116	
TOTAL HARD	130,017		150,649		116	
SOFT:						
MOZZARELLA AND SIMILARS	457,643		505,978		111	
RICOTTA AND SIMILARS	81,275		88,567		109	
OTHER SOFT	2,925		3,252		111	
TOTAL SOFT	541,843		597,797		110	
TOTAL HARD AND SOFT	671,860		748,446		111	

B. BY REGIONS

REGION	HARD TYPES		SOFT TYPES		TOTAL (HARD AND SOFT)	
	1975	1976	1975	1976	1975	1976
	1,000 POUNDS					
NORTH AND SOUTH ATLANTIC	2,032	3,298	159,546	182,416	161,578	185,714
EAST NORTH CENTRAL	102,694	108,827	170,034	177,031	272,728	285,858
WEST NORTH CENTRAL	23,793	35,162	103,791	110,677	127,584	145,839
SOUTH CENTRAL	1,367	2,840	15,075	15,512	16,442	18,352
WEST	131	522	93,397	112,161	93,528	112,683
U S	130,017	150,649	541,843	597,797	671,860	748,446

TABLE 20--OTHER ITALIAN TYPES  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
				NUMBER	1,000 LBS	NUMBER	1,000 LBS	
CALIF	686	686	797	772	6	8,256	6	8,466
CONN	145	143	159	167	8	1,822	8	1,777
ILL	900	937	1,038	1,199	5	9,939	6	11,696
MASS	253	236	236	330	6	2,876	5	2,811
NEBR	441	182	180	191	3	1,733	3	3,129
N Y	3,470	3,206	4,148	4,810	23	38,636	21	41,106
PA	965	1,015	1,198	1,065	14	7,796	14	11,977
WIS	7,551	7,318	7,482	7,357	32	86,767	31	91,910
OTH STS 1/	4,914	4,778	4,969	6,134	33	56,392	31	69,596
U S	19,325	18,501	20,207	22,025	130	214,217	125	242,468

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

TABLE 22--CHEESE, PROCESSED, CHEESE FOODS, SPREADS, AND  
COLD PACK: PRODUCTION, UNITED STATES, 1969-76 1/ 2/

YEAR	PROCESSED CHEESE		PROCESSED CHEESE		COLD PACK CHEESE		TOTAL	
	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	NUMBER	1,000 POUNDS	NUMBER	1,000 POUNDS	NUMBER	1,000 POUNDS	NUMBER	1,000 POUNDS
1969	42	650,161	40	367,195			56	1,017,356
1970	40	686,383	40	451,614			54	1,137,997
1971	41	750,772	37	479,553			52	1,230,325
1972	42	748,929	43	550,464			53	1,299,393
1973	31	707,874	32	538,139	19	30,696	50	1,276,709
1974	36	745,562	36	593,537	19	30,588	53	1,369,687
1975	38	726,767	36	682,895	22	39,535	54	1,449,197
1976	35	845,201	34	526,581	24	38,467	57	1,410,249

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. 3/ PRIOR TO 1973, COLD PACK WAS INCLUDED IN PROCESSED CHEESE FOODS AND SPREADS.

TABLE 23--ALL OTHER TYPES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

		1976							
STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
1,000 POUNDS									
CALIF	420	449	404	580	498	553	496	509	
IDAH0	49	51	43	40	43	49	47	43	
MASS	90	94	117	109	116	121	105	119	
N Y	612	545	655	652	579	608	485	535	
PA	2/	2/	2/	2/	2/	2/	2/	2/	
WIS	1302	1233	1599	1724	1264	1649	1553	1549	
OTHER 2/	1174	1052	1090	1037	1080	1129	897	974	
U S	3647	3424	3998	4142	3580	4179	3583	3729	

TABLE 24--LOWFAT COTTAGE CHEESE 3/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

		1976							
STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
1,000 POUNDS									
ALA	50	50	47	51	55	69	55	54	
ARIZ	170	162	178	170	173	165	171	163	
CALIF	3617	3431	3899	3619	3919	3794	3793	3634	
COLO	316	325	370	394	376	405	391	354	
IDAH0	80	77	82	86	77	81	77	70	
ILL	126	104	119	146	111	122	160	125	
IND	29	31	26	32	35	37	34	40	
KANS	123	114	137	114	119	137	140	143	
MAINE	11	15	17	8	16	17	17	15	
MICH	84	91	114	139	126	102	108	65	
MINN	2/	2/	2/	2/	2/	2/	2/	2/	
N Y	2/	2/	2/	2/	2/	2/	2/	2/	
N C	127	124	156	148	109	114	114	103	
N DAK 4/	78	73	91	101	81	91	79	53	
OHIO	748	684	941	870	872	1000	906	810	
OKLA	145	152	182	171	158	167	154	154	
OREG	85	71	90	85	134	134	86	78	
PA	912	1060	1383	1270	1159	1077	1233	1138	
TENN	154	154	52	51	48	57	51	57	
TEX	407	413	409	445	437	467	354	424	
WASH	521	511	593	642	566	598	570	539	
WIS	311	301	364	322	324	341	330	336	
OTHER 2/	2853	2694	3357	3136	3085	3265	2967	2915	
U S	10987	10637	12712	12010	11980	12240	11790	11270	

SEE FOOTNOTES ON PAGE 29.

TABLE 23--ALL OTHER TYPES OF CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
CALIF	516	491	503	502	15	6010	13	6001
IDAHO	51	40	45	37	2/	2/	3	538
MASS	121	122	111	90	2/	2/	4	1315
N Y	696	558	594	958	5	8073	6	7477
PA	2/	2/	2/	2/	3	99	2/	2/
WIS	1339	1225	1320	1601	15	16224	13	17358
OTHER 2/	1062	1007	1150	1163	26	13046	26	12805
U S	3775	3443	3723	4351	64	43452	65	45494

TABLE 24--LOWFAT COTTAGE CHEESE 3/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
ALA	62	56	50	49	3	712	3	678
ARIZ	162	151	164	152	3	1874	3	1991
CALIF	3658	3578	3377	3043	10	41447	10	43352
COLO	362	362	351	305	4	4077	4	4311
IDAHO	56	59	42	58	4	869	4	865
ILL	126	110	123	101	9	1576	8	1473
IND	33	30	28	27	5	376	6	382
KANS	128	123	124	112	7	1397	6	1514
MAINE	12	16	15	11	4	146	4	170
MICH	99	86	90	90	9	1553	6	1184
MINN	2/	2/	2/	2/	3	2032	2/	2/
N Y	2/	2/	2/	2/	4	17823	2/	2/
N C	101	98	86	74	4	1576	4	1354
N DAK 4/	53	51	47	34	1	943	1	832
OHIO	951	859	685	640	16	9167	17	9986
OKLA	129	141	143	135	7	1941	7	1831
OREG	77	74	75	69	7	840	6	1058
PA	1136	980	1047	862	11	12087	10	13277
TENN	45	46	34	35	4	583	3	784
TEX	406	365	348	289	9	4347	9	4854
WASH	578	545	506	487	11	5460	10	6656
WIS	329	336	355	315	9	4458	8	3989
OTHER 2/	2935	2653	2574	2389	34	15032	33	34823
U S	11428	10729	10304	9277	178	129316	162	135364

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.

4/ DATA FOR LESS THAN 3 PLANTS PUBLISHED BY PERMISSION OF THE FIRM INVOLVED.

TABLE 25--CREAMED COTTAGE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
ALA	112	121	139	131	137	115	128	133
ARIZ	1066	1034	1143	1032	1005	1006	973	975
ARK	92	96	113	103	84	102	94	103
CALIF	8311	8206	9315	8868	10146	9344	9357	9132
COLO	983	912	1064	1117	1037	1128	1212	1075
GA	193	205	241	234	213	197	189	215
IDAHO	269	259	290	289	286	270	311	283
ILL	3538	3444	3958	3568	3544	3725	3488	3488
IND	2911	2738	3411	3204	3040	3233	3137	3204
IOWA	1183	1179	1391	1398	1291	1364	1409	1357
KANS	1801	1747	2147	2066	1946	2035	1905	2122
MAINE	1452	1279	1545	1539	1627	1691	1542	1494
MD 3/	2/	2/	2/	2/	2/	2/	2/	2/
MASS	2/	2/	2/	2/	2/	2/	2/	2/
MICH	4500	4229	5443	4894	4684	5011	4816	4780
MINN	1356	1318	1517	1450	1317	1427	1489	1320
MO	2096	2140	2602	2342	2368	2311	2312	2378
MONT	256	279	303	321	300	314	333	310
NERR	779	802	907	921	882	953	929	919
N MEX	520	535	640	585	670	610	595	595
N Y	10199	9851	12100	10955	11498	11892	11403	10704
N C	376	465	584	499	350	370	380	387
N DAK 4/	215	206	241	264	228	255	209	140
OHIO	5064	5204	6767	6078	5854	5885	5945	5545
OKLA	712	710	871	798	747	790	759	773
OREG	1263	1191	1322	1314	1259	1297	1296	1225
PA	3471	3813	4554	4294	4175	4432	4064	4040
TENN	512	604	690	669	613	660	670	596
TEX	1909	1959	2249	2027	1970	2077	1996	2148
UTAH	699	626	746	677	682	663	692	652
VT	1409	1336	1526	1507	1586	1605	1521	1462
VA	448	454	520	519	476	425	445	441
WASH	2639	2354	2623	2709	2578	2705	2588	2471
W VA	244	244	288	274	279	267	233	319
WIS	4461	4439	5326	5012	5069	5254	4938	4847
OTHER 2/	4341	4492	5416	4159	4478	4822	4579	4795
U S	69330	68466	82157	75817	76419	78235	75937	74428

SEE FOOTNOTES ON PAGE 31.

TABLE 25--CREAMED COTTAGE CHEESE 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS	
ALA	126	119	101	96	4	1305	4	1458
ARIZ	974	982	951	918	3	12349	3	12079
ARK	84	93	117	127	4	1202	4	1208
CALIF	9068	8968	8461	7763	15	103077	14	106939
COLO	1039	1029	1016	924	9	11588	9	12536
GA	179	136	137	125	4	2816	3	2284
IDAHO	266	255	241	234	6	3691	6	3253
ILL	3415	3436	3177	2970	12	48187	12	41751
IND	3128	2914	3013	2737	14	35820	13	36670
IOWA	1293	1302	1320	1202	8	14407	8	15689
KANS	1959	1740	1850	1582	11	21922	10	22915
MAINE	1502	1466	1468	1299	6	18226	6	17904
MD 3/	2/	2/	2/	2/	4	9046	2/	2/
MASS	2/	2/	2/	2/	3	299	2/	2/
MICH	4660	4569	4280	3978	15	51192	15	55774
MINN	1321	1322	1276	1178	5	16411	5	16311
MO	2137	2146	1954	1771	5	25224	5	26557
MONT	297	268	275	249	4	3214	7	3505
NERR	872	862	797	788	9	10408	9	10496
N MEX	550	545	545	490	3	6400	3	6880
N Y	10725	9627	9413	8893	17	125487	16	127260
N C	388	379	342	292	6	4785	6	4812
N DAK 4/	176	149	134	155	2/	2/	1	2372
OHIO	5576	5410	5435	5262	38	64533	34	68025
OKLA	784	705	695	659	10	8975	10	9003
ORFG	1211	1273	1265	1144	13	14617	13	15060
PA	4006	3878	3647	3477	32	49035	25	47821
TENN	535	508	482	463	8	7726	7	7002
TEX	2123	1926	1826	1702	15	23111	14	23912
UTAH	654	604	631	570	6	5833	5	7896
VT	1311	1252	1141	1033	4	17943	4	16709
VA	482	470	437	382	8	6057	7	5499
WASH	2512	2332	2395	2283	16	30330	16	30189
W VA	266	253	235	202	5	2880	5	3104
WIS	4546	4215	4320	4259	12	53212	11	56696
OTHER 2/	4924	4401	4444	4185	30	49361	26	55036
U S	73089	69534	67871	63322	368	861669	336	874605

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. 4/ DATA FOR LESS THAN 3 PLANTS PUBLISHED BY PERMISSION OF THE FIRM INVOLVED.

TABLE 26--COTTAGE CHEESE CURD 1/  
 PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
ALA	151	166	193	179	169	164	169	171
ARIZ	815	779	882	782	766	758	725	739
ARK	57	57	67	62	55	61	54	60
CALIF	8785	8198	9344	8839	9692	9290	9428	9076
COLO	843	817	934	969	905	979	1024	930
CONN	443	427	490	412	422	514	459	511
GA	174	178	219	197	187	174	166	175
IDAHO	219	212	230	234	227	217	246	221
ILL	2937	2791	3355	3187	2921	3219	2835	2844
IND	1819	1732	2141	2005	1937	2029	1922	1955
IOWA	724	738	878	872	790	830	849	835
KANS	1140	1085	1523	1298	1255	1374	1215	1394
LA	2/	2/	2/	2/	2/	2/	2/	2/
MAINE	1102	974	1176	1170	1235	1283	1172	1134
MD 3/	2/	2/	2/	2/	2/	2/	2/	2/
MASS	2/	2/	2/	2/	2/	2/	2/	2/
MICH	2814	2598	3249	2907	3000	2874	3000	2844
MINN	902	880	1030	967	891	948	986	884
MO	1311	1372	1923	1531	1551	1458	1439	1525
MONT	163	176	191	202	188	198	210	195
NEBR	493	496	621	569	543	579	563	564
N MEX	330	340	410	375	370	390	375	370
N Y	10301	9730	12078	10932	11263	11688	10898	10488
N C	291	356	459	365	367	412	396	380
N DAK 4/	178	169	202	220	172	201	175	121
OHIO	3637	3620	4810	4430	4194	4386	4378	4081
OKLA	519	533	656	597	549	580	549	566
OREG	795	737	821	797	786	810	811	756
PA	3119	3317	4048	3785	3583	3671	3450	3328
TENN	427	414	471	445	423	434	442	393
TEX	1446	1489	1687	1517	1479	1559	1489	1653
UTAH	528	499	589	526	530	521	550	510
VT	1484	1386	1581	1550	1687	1662	1503	1562
VA	453	479	529	522	467	445	435	434
WASH	1859	1722	1887	1955	1834	1939	1863	1818
W VA	146	149	181	170	180	166	140	198
WIS	3023	3056	3707	3611	3466	3450	3329	3342
OTHER 2/	3449	3691	4709	4242	4565	3734	3770	3808
U S	56867	55363	67261	62431	62649	62997	61015	59865

SEE FOOTNOTES ON PAGE 33.



TABLE 26--COTTAGE CHEESE CURD 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
					1975		1976	
	SEP	OCT	NOV	DEC	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
ALA	168	163	154	148	5	1852	5	1985
ARIZ	734	748	736	702	3	9336	3	9166
ARK	54	60	70	77	4	788	4	734
CALIF	9050	8986	8467	7442	14	103091	13	106597
COLO	892	896	867	779	9	10285	9	10835
CONN	489	487	403	393	4	5025	4	5450
GA	162	112	118	109	4	2420	3	1971
IDAHO	195	188	179	175	5	2889	5	2543
ILL	2906	2835	2370	2531	13	37956	12	34821
IND	1924	1761	1822	1640	14	22479	13	22687
IOWA	811	805	813	762	7	8716	7	9707
KANS	1146	899	1126	941	12	13246	10	14396
LA	2/	2/	2/	2/	3	6689	2/	2/
MAINE	1138	1117	1115	984	9	13831	9	13595
MD 3/	2/	2/	2/	2/	5	9067	2/	2/
MASS	2/	2/	2/	2/	4	402	2/	2/
MICH	2909	2880	2725	2598	15	34969	15	34398
MINN	892	884	854	795	5	11255	5	10913
MO	1433	1464	1358	1173	6	15926	6	17538
MONT	184	169	175	155	8	2004	7	2206
NEBR	551	553	503	509	9	6512	9	6534
N MEY	340	335	360	310	3	4160	3	4305
N Y	10713	9440	9203	8540	20	122488	18	125274
N C	379	360	327	278	6	3660	6	4370
N DAK 4/	146	127	119	123	1	2183	1	1953
OHIO	4283	4038	3914	3817	37	46331	32	49588
OKLA	559	513	518	499	10	6682	10	6638
OREG	749	808	791	705	12	9378	12	9366
PA	3319	3098	3069	2754	33	41890	26	40541
TENN	332	350	341	315	8	4994	7	4787
TEX	1549	1487	1438	1294	15	17207	14	18127
UTAH	500	460	427	458	6	5617	5	6158
VT	1469	1412	1312	1222	5	19939	5	17840
VA	442	430	424	390	8	5959	7	5460
WASH	1899	1764	1781	1714	14	21418	13	22025
W VA	166	155	145	126	3	1778	3	1922
WIS	3112	2909	2928	2995	14	37384	13	38928
OTHER 2/	4367	3561	4070	3817	22	32169	24	47783
U S	60082	56249	55092	51270	375	700975	338	711141

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.  
3/ INCLUDES DISTRICT OF COLUMBIA. 4/ DATA FOR LESS THAN 3 PLANTS PUBLISHED BY  
PERMISSION OF THE FIRM INVOLVED.

TABLE 27--CONDENSED MILK, BULK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976								
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
<u>SWEETENED CONDENSED</u>									
<u>WHOLE MILK</u>									
WIS	5731	5480	7347	6237	6907	6302	5439	6833	
OTHER 1/	1256	1492	1795	1865	1486	1642	1166	1640	
U S	6987	6972	9142	8102	9393	7944	6605	8473	
<u>SWEETENED CONDENSED</u>									
<u>SKIM MILK</u>									
WIS	2079	2014	3058	2558	3850	2441	1874	2633	
OTHER 1/	862	463	575	582	778	400	362	888	
U S	2941	2477	3633	3140	4628	2841	2236	3521	
<u>UNSWEETENED CONDENSED</u>									
<u>WHOLE MILK</u>									
N Y	6315	6025	7875	7484	4157	4410	4752	6855	
PA	2150	2555	3535	2765	2827	3984	4090	4629	
TENN	85	68	79	87	89	70	50	73	
WIS	2575	2757	3383	3157	3258	7302	6036	2990	
OTHER 1/	5146	6417	8105	8812	8358	10369	9043	7567	
U S	16271	17822	22977	22305	19689	26135	23971	22114	
<u>UNSWEETENED CONDENSED</u>									
<u>SKIM MILK</u>									
CALIF	8091	8201	9840	10615	11850	12856	12125	14263	
ILL	292	291	354	272	265	584	522	481	
IND	3317	3350	4119	3587	4027	3830	3777	4062	
KANS	1/	1/	1/	1/	1/	1/	1/	1/	
MICH	5448	5897	7345	6779	7249	7653	7664	7574	
N Y	4820	7312	6325	8811	12221	11532	8554	7212	
OHIO	1835	2229	2793	2470	2292	2672	2441	2913	
PA	3613	3008	4216	4154	5668	5223	5162	4420	
WASH	614	660	757	730	805	945	962	898	
WIS	7596	6355	9043	12290	12659	14959	10254	10763	
OTHER 1/	12142	12533	15008	14019	19115	18464	17446	18758	
U S	47798	49836	59800	63727	76151	78718	68907	71344	

SEE FOOTNOTES ON PAGE 35.

TABLE 27--CONDENSED MILK, BULK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
<u>SWEETENED CONDENSED</u>								
<u>WHOLE MILK</u>								
WIS	6329	5548	4736	2567	5	59583	5	69456
OTHER 1/	1704	2241	1670	1794	6	16687	9	19751
U S	8033	7789	6406	4361	11	76270	14	89207
<u>SWEETENED CONDENSED</u>								
<u>SKIM MILK</u>								
WIS	3124	2274	2327	1422	6	25294	6	29654
OTHER 1/	771	864	740	576	5	6862	5	7861
U S	3895	3138	3067	1998	11	32156	11	37515
<u>UNSWEETENED CONDENSED</u>								
<u>WHOLE MILK</u>								
N Y	7420	4283	6004	4024	10	61369	10	69604
PA	3107	2420	2941	2315	5	38336	6	37318
TENN	69	87	59	59	3	812	3	875
WIS	2642	3284	2810	1722	6	34434	4	41916
C. HER 1/	6022	5829	5817	8375	17	79438	19	89860
U S	19260	15903	17631	16495	41	214389	42	239573
<u>UNSWEETENED CONDENSED</u>								
<u>SKIM MILK</u>								
CALIF	11613	9016	10300	9642	16	127455	15	128402
ILL	359	144	114	77	1/	1/	3	3755
IND	2974	3131	2995	2817	4	39293	4	41986
KANS	1/	1/	1/	1/	4	2341	1/	1/
MICH	7460	7449	6409	5633	5	82408	5	82560
N Y	6035	8275	4620	7946	11	90783	13	93663
OHIO	2724	2272	2428	2399	8	29761	7	29468
PA	3945	3747	3221	3764	9	43883	7	50141
WASH	642	623	568	576	6	9955	5	8780
WIS	8843	9578	9964	7979	14	108382	15	120323
OTHER 1/	16943	13203	9221	9402	36	184281	33	176334
U S	61618	57438	49840	50235	113	718542	107	735412

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

TABLE 28--EVAPORATED AND CONDENSED WHOLE MILK, CASE GOODS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

		1976							
STATE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS									
CALIF	:	12248	12556	13418	12265	12549	11786	11014	9437
OHIO	:	14557	13443	13772	15065	17548	19306	14502	12914
PA	:	6928	7400	8758	12112	12959	9587	10179	9109
OTHER 1/	:	40572	37985	47262	50938	53509	51633	49236	41893
U S	:	74305	71384	83210	90380	94565	92312	84931	73353

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

		1976							
STATE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS									
<u>SWEET-TYPE, HUMAN</u>									
IOWA	:	0	0	0	0	0	0	0	0
WIS	:	459	519	554	3361	3094	3366	2938	2967
OTHER 1/	:	7692	7171	6132	6258	6758	7290	6481	6607
U S	:	8151	7690	6686	9619	9852	10656	9419	9574
<u>TOTAL CONDENSED 3/</u>									
ILL	:	1515	1648	2196	1910	2226	2345	1704	1684
MINN	:	700	763	908	1263	1801	1570	1593	1554
MO	:	2890	1474	639	790	749	1026	732	732
WIS	:	735	938	752	3594	2143	3382	2964	3110
OTHER 1/	:	4176	4942	4171	4903	4919	5335	5579	5142
U S	:	10016	9765	8756	12460	12838	13658	12572	12222

SEE FOOTNOTES ON PAGE 37.

TABLE 28--EVAPORATED AND CONDENSED WHOLE MILK, CASE GOODS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SFP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	8953	9752	8531	7865	3	129177	3	130374
OHIO	9816	7005	5349	11080	4	169436	4	154357
PA	5434	6050	5444	5094	3	78255	3	99094
OTHER 1/	36877	33762	30788	37216	20	551055	16	511671
U S	61080	56569	50152	61255	30	926923	26	895496

TABLE 29--CONDENSED WHEY, SOLIDS CONTENT 2/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SFP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 POUNDS				NUMBER	1,000 LBS	NUMBER	1,000 LBS
<u>SWEET-TYPE, HUMAN</u>								
IOWA	0	0	0	0	3	2692	0	0
WIS	2458	2456	2548	2708	1/	1/	8	27428
OTHER 1/	7103	6470	5983	6329	26	62016	21	80274
U S	9561	8926	8531	9037	29	64708	29	107702
<u>TOTAL CONDENSED 3/</u>								
ILL	1859	1398	1345	1680	4	23103	6	21530
MINN	1756	1682	1748	1980	10	16093	6	17408
MO	774	783	628	522	1/	1/	3	11739
WIS	2624	2981	2639	2960	10	7343	11	29822
OTHER 1/	5300	6524	6231	4946	19	41304	16	62168
U S	12313	13368	12611	12088	43	87843	42	142667

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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	10791	10851	12610	15493	16455	16402	17257	16157
IDAHO	429	431	659	686	786	839	646	528
IOWA	5471	6031	7113	7290	9442	9770	8400	6070
MICH	2169	2026	2272	3368	3743	5202	4996	4698
MINN	19092	18799	22556	18582	18680	18828	15914	10443
NEBR	978	836	899	1351	1256	1395	1617	1217
N Y	1093	2430	1803	4472	6820	6477	3230	741
N DAK 2/	950	924	1157	789	848	737	659	438
OHIO	1680	1365	2245	3648	5639	5598	4330	3964
PA	726	970	490	794	2104	1764	384	66
S DAK	2799	2907	3715	4101	4780	4913	4289	3563
TENN	1516	1792	2329	2676	2725	2517	2262	1469
WASH	2829	2714	2520	3116	4590	4316	4580	3645
WIS	5349	7625	8396	10263	12348	14570	13075	8418
OTHER 1/	5212	8724	10072	15011	15297	14750	14639	14776
U S	61084	68425	78836	91640	105513	108078	96278	76193

TABLE 31--DRY SKIM FOR ANIMAL FEED  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 POUNDS								
CALIF	47	57	54	105	203	82	111	113
IDAHO	4	9	4	3	6	5	4	4
IOWA	21	27	18	19	24	18	21	15
MICH	35	26	41	57	30	65	38	46
MINN	68	66	89	72	74	49	57	28
NEBR	22	1	1	1	1	0	3	4
N DAK 2/	4	3	5	4	4	3	3	4
PA	6	7	5	9	14	25	5	0
S DAK	1	10	13	15	13	44	35	18
WASH	56	17	9	29	148	80	112	65
WIS	28	33	37	50	67	59	63	57
OTHER 1/	57	139	79	101	210	256	184	123
U S	349	395	355	465	794	686	636	477

SEE FOOTNOTES ON PAGE 39.

TABLE 30--NONFAT DRY MILK FOR HUMAN FOOD  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
					NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	11865	11167	10278	11870	12	146884	12	161196
IDAHO	424	576	266	266	3	17952	3	6536
IOWA	5321	5158	4955	7134	12	100985	9	82155
MICH	3678	3072	2952	3809	5	30048	4	41985
MINN	8295	9885	11322	14476	27	242747	22	186872
NEAR	1005	1099	1115	1260	4	14826	4	14028
N Y	627	1345	641	2747	15	58958	13	32466
N DAK 2/	333	337	463	629	1	10761	1	8264
OHIO	2542	2098	1800	2792	6	27008	6	37701
PA	296	616	539	982	9	14752	8	9731
S DAK	3113	3087	2833	3267	5	42812	5	43367
TENN	732	364	572	1267	4	20464	4	20221
WASH	2826	3543	2424	2977	4	36575	4	40080
WIS	4859	5556	6466	9089	18	114694	17	105994
OTHER 1/	10171	8577	7255	11103	28	121988	26	135587
U S	56087	56480	53901	73668	153	1001454	138	926183

TABLE 31--DRY SKIM FOR ANIMAL FEED  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
					NUMBER	1,000 LBS	NUMBER	1,000 LBS
CALIF	98	99	62	54	7	1133	8	1105
IDAHO	2	3	5	2	3	119	3	51
IOWA	16	16	16	18	8	423	6	229
MICH	37	39	26	63	1/	1/	4	503
MINN	34	26	22	24	22	842	19	609
NEAR	2	0	1	1	3	200	3	37
N DAK 2/	3	4	5	4	1	54	1	46
PA	4	6	7	4	5	241	3	92
S DAK	16	13	16	6	4	153	5	200
WASH	4	162	71	21	3	406	4	774
WIS	40	39	34	43	13	785	12	550
OTHER 1/	151	131	138	150	31	3578	32	1719
U S	407	538	403	390	100	7934	100	5915

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 FIRM INVOLVED.

TABLE 32--DRY MILK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
DRY WHOLE MILK								
1,000 POUNDS								
MICH	307	266	408	354	280	166	93	341
MINN	2242	2210	2510	2303	2547	2057	1813	1903
NEBR	1/	1/	1/	1/	1/	1/	1/	1/
WIS	69	223	24	14	0	0	0	25
OTHER 1/	4827	4220	3552	4661	4241	5785	4432	4243
U S	7445	6919	6494	7332	9067	8008	6378	6512

DRY BUTTERMILK

CALIF	177	126	129	140	187	4	18	120
IOWA	220	277	246	182	277	231	228	116
MICH	148	173	161	180	222	144	172	131
MINN	1085	987	1119	1117	1293	1293	840	708
NEBR	1/	1/	1/	1/	1/	1/	1/	1/
N Y	1/	1/	1/	1/	1/	1/	1/	1/
N DAK	53	50	44	52	44	42	31	25
PA	55	13	17	37	83	47	7	0
S DAK	1/	1/	1/	1/	1/	1/	1/	1/
WIS	1432	1327	1191	1243	1710	1162	1177	1017
OTHER 1/	1084	970	1087	956	1213	1030	662	514
U S	4254	3923	4014	3907	5029	3953	3135	2631

TABLE 33--LACTOSE-MILK SUGAR  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
FOR HUMAN FOOD								
1,000 POUNDS								
WIS	4135	3926	4721	4800	4896	4581	4509	4383
OTHER 1/	3314	3565	4660	4204	4543	4569	4120	3804
U S	7449	7491	9381	9004	9439	9150	8629	8187

TOTAL LACTOSE 2/

MINN	2145	2171	2688	2385	2505	2201	1946	1865
WIS	6872	6747	7975	7806	8176	8305	6930	6688
OTHER 1/	1596	1670	2373	2195	2346	2757	2530	2182
U S	10613	10588	13036	12386	13027	13263	11406	10735

SEE FOOTNOTES ON PAGE 41.



TABLE 32--DRY MILK PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL				
	SEP	OCT	NOV	DEC	1975		1976		
	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	
<u>DRY WHOLE MILK</u>									
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
MICH	375	265	200	293	3	2457	3	3398	
MINN	1014	1956	2242	1831	7	20939	5	24628	
NFRP	1/	1/	1/	1/	3	3596	1/	1/	
WIS	0	0	0	0	4	1782	4	355	
OTHER 1/	3871	2336	2696	2884	12	34312	13	49707	
U S	5180	4557	5228	5008	29	63085	25	78989	
<u>DRY BUTTERMILK</u>									
CALIF	91	125	67	125	5	1793	3	1309	
IOWA	134	106	192	191	7	3128	6	2400	
MICH	144	162	169	247	6	1300	5	2033	
MINN	350	768	908	1219	12	11952	9	11687	
NERR	1/	1/	1/	1/	4	1242	1/	1/	
N Y	1/	1/	1/	1/	7	1679	1/	1/	
N DAK	34	28	35	52	1/	1/	1/	490	
PA	0	0	22	32	4	640	5	313	
S DAK	1/	1/	1/	1/	3	1149	1/	1/	
WIS	1201	1716	1480	1655	12	10112	11	16111	
OTHER 1/	851	1054	1067	1448	23	9839	31	11936	
U S	2525	3959	3920	4959	83	42834	71	46279	

TABLE 33--LACTOSE-MILK SUGAR  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL				
	SEP	OCT	NOV	DEC	1975		1976		
	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	PLANTS	PRODUCTION	
<u>FOR HUMAN FOOD</u>									
	1,000 POUNDS				NUMBER 1,000 LBS		NUMBER 1,000 LBS		
WIS	4170	4045	4262	4012	8	63133	7	52440	
OTHER 1/	3969	3459	3439	4172	11	45216	15	47818	
U S	8139	7504	7701	8184	18	108349	22	100258	
<u>TOTAL LACTOSE 2/</u>									
MINN	1423	1518	1504	2159	4	21603	5	25010	
WIS	6561	6506	6772	6571	9	90292	9	86009	
OTHER 1/	2226	2067	2025	2273	7	27229	11	26380	
U S	10210	10091	10301	11003	20	139034	25	137399	

1/ STATES NOT SHOWN WHEN FEWER 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, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
DRY WHEY FOR HUMAN FOOD								
1,000 POUNDS								
IOWA	3808	3570	3807	3504	3766	3387	3566	3433
MINN	8460	9020	9402	12531	14245	11176	9397	10195
UTAH	1289	1221	1156	1095	1171	1226	1495	1554
WIS	13708	13315	13634	13011	14947	14266	14624	13410
OTHER 1/	9933	11050	11379	11074	11414	11504	10880	11219
U S	37198	38176	39378	41215	45543	41559	39962	39811
DRY WHEY FOR ANIMAL FEED								
IOWA	1621	1535	2484	1530	1588	1696	1608	1487
MINN	596	1322	1803	1872	1564	2899	2401	2799
MO	950	937	1303	1712	2116	2253	1631	1705
UTAH	85	79	101	159	232	243	322	306
WIS	3486	3331	4545	4553	4251	3876	3004	3018
OTHER 1/	7732	7571	8227	9644	9699	9678	8100	6770
U S	14470	14775	18473	19470	19450	20645	17076	16085
TOTAL DRY WHEY								
CALIF	1/	1/	1/	1/	1/	1/	1/	1/
ILL	2191	2183	2277	1994	1970	2991	2609	1925
IOWA	5429	5105	6291	5034	5354	5083	5174	4920
KANS	603	866	1345	1569	1826	1800	1551	950
KY	1/	1/	1/	1/	1/	1/	1/	1/
MINN	9056	10342	11205	14403	15809	14075	11798	12994
MO	950	937	1303	1712	2116	2253	1631	1705
NEBR	539	637	834	998	1057	811	854	802
N Y	4148	4047	4217	4220	4598	4516	3622	3872
N DAK	1041	1093	1357	1384	1378	806	1175	1071
TENN	428	504	919	1050	834	832	1106	1497
UTAH	1374	1300	1257	1254	1403	1469	1827	1860
WIS	17194	16646	18179	17564	19198	18142	17628	16428
OTHER 1/	8725	9291	8666	9503	9550	9426	8063	7872
U S	51668	52951	57851	60685	64993	62204	57038	55896

SEE FOOTNOTES ON PAGE 43.

TABLE 34--DRY WHEY  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 POUNDS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
<u>DRY WHEY FOR HUMAN FOOD</u>								
IOWA	3199	3381	2704	3392	5	67945	4	41607
MINN	10542	11281	11803	14095	19	73035	15	132227
UTAH	1197	1731	1412	1920	3	19204	4	16467
WIS	13661	11020	11228	11911	21	153104	21	158735
OTHER 1/	10289	10754	9942	11644	30	125793	24	131082
U S	38888	38167	37259	42962	78	439081	68	480118
<u>DRY WHEY FOR ANIMAL FEED</u>								
IOWA	1329	1254	1292	1348	10	19120	7	18772
MINN	1395	364	816	1451	14	6441	12	19282
MO	918	748	678	1482	1/	1/	6	16433
UTAH	249	160	181	181	3	1348	4	2308
WIS	2380	2464	2930	2971	26	43452	24	40809
OTHER 1/	5389	4097	3568	3554	69	86148	55	84039
U S	11660	9087	9445	10987	122	156579	108	181643
<u>TOTAL DRY WHEY</u>								
CALIF	1/	1/	1/	1/	3	9158	1/	1/
ILL	2114	1760	1648	1170	7	22404	7	24722
IOWA	4528	4635	4096	4740	10	87065	8	60379
KANS	749	425	473	644	4	10021	6	12802
KY	1/	1/	1/	1/	4	20369	1/	1/
MINN	11937	11645	12699	15546	21	79476	20	151509
MO	918	748	678	1482	8	23062	6	16433
NEBR	600	527	433	569	11	7471	11	8661
N Y	3828	3560	3446	3825	6	33063	6	47899
N DAK	1049	869	1029	954	4	5650	3	13206
TENN	771	651	648	1166	3	11548	3	10426
UTAH	1446	1891	1593	2101	3	20552	4	18775
WIS	16041	13484	14158	14882	33	196556	34	199544
OTHER 1/	6567	7059	5813	6870	26	69195	22	97405
U S	50548	47254	46724	53949	143	555590	130	661761

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

TABLE 15--ICE CREAM, TOTAL  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
	1,000 GALLONS							
ALA	900	888	1239	1168	1125	1446	1382	1274
ARIZ	395	566	593	634	573	606	647	524
ARK	284	318	421	406	419	511	538	513
CALIF	6191	6135	7533	7027	7353	8414	9098	8398
COLO	528	572	679	775	644	800	810	793
CONN	493	1035	1358	1317	1489	1611	1694	1787
FLA	1912	1931	2614	2274	2399	2926	2371	2512
GA	503	547	679	679	639	729	759	684
IDAHO	229	235	268	314	253	323	348	293
ILL	3179	3097	4118	3894	3865	4729	4472	4175
IND	1990	2071	2595	2269	2285	2763	2396	2435
IOWA	665	813	923	1045	950	1147	1144	1125
KANS	518	632	722	668	649	782	664	720
KY	289	330	455	428	438	540	523	512
LA	745	778	965	894	897	1151	1098	1087
MAINE	301	417	497	474	529	608	681	667
MD P/	1301	1135	1891	1681	1700	1890	1902	1847
MASS	2923	3136	4094	4223	4247	4536	4886	4342
MICH	2393	2268	3016	3016	3055	3621	3530	3299
MINN	2036	2348	2624	2543	2275	2973	3124	2742
MISS	347	331	472	434	420	601	510	484
MO	1186	1437	1680	1631	1522	1900	1903	1774
MONT	138	119	172	160	143	193	194	163
NEBR	566	664	797	739	614	917	886	812
NEV	79	86	95	96	87	112	123	114
N H	44	51	74	83	106	142	151	135
N J	877	863	1161	1385	1257	1395	1509	1391
N Y	3779	4058	5501	5254	5589	6720	6452	6278
N C	1928	1965	2502	2512	2502	2673	2846	2717
N DAK	195	201	255	249	237	293	269	264
OHIO	3281	3557	4402	4294	3916	4844	4604	4712
OKLA	563	580	675	706	722	846	842	820
OREG	490	535	549	640	633	805	753	637
PA	4624	4721	6690	5919	5843	7592	7012	7061
R I	100	94	121	142	142	149	172	154
S C	474	817	818	939	916	1059	865	946
S DAK	9	9	11	11	10	13	13	13
TENN	1060	1163	1619	1585	1560	1803	1854	1821
TEX	2443	2709	3206	3074	3188	3760	3481	3484
UTAH	503	519	646	574	515	669	667	615
VT	7	9	10	13	16	16	27	19
VA	646	650	786	820	728	769	823	786
WASH	1145	1157	1582	1437	1467	1585	1702	1622
W VA	201	192	245	234	248	264	274	244
WIS	1258	1236	1754	1573	1483	1898	1830	1741
OTHER 1/	437	455	518	521	514	607	635	601
U S	54545	57430	73715	70754	70162	83731	82454	79143

SEE FOOTNOTES ON PAGE 45.

TABLE 35--ICE CREAM, TOTAL  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL	
	SEP	OCT	NOV	DEC	1975 PRODUCTION	1976 PRODUCTION
1,000 GALLONS						
ALA	1177	888	761	700	13460	12948
ARIZ	564	481	454	466	6556	6503
ARK	373	331	289	264	4429	4667
CALIF	7503	6429	6642	6057	84731	86800
COLO	754	591	608	610	7138	8164
CONN	1504	1166	1092	1278	18426	16224
FLA	2714	2120	1865	2091	28262	27729
GA	530	446	408	395	7413	6998
IDAHO	261	266	199	219	3161	3208
ILL	4211	3276	3193	3181	45975	45390
IND	2477	2033	1811	1924	28848	27049
IOWA	1105	845	788	643	10933	11263
KANS	670	534	500	524	7563	7583
KY	441	348	295	303	5509	4902
LA	979	796	617	637	11552	10644
MAINE	447	407	362	552	6386	5942
MD 2/	1826	1314	1135	1194	19849	18816
MASS	4072	3429	3546	2886	47761	46320
MICH	3069	2537	2215	2353	36492	34372
MINN	2679	2054	2131	1999	30538	29528
MISS	464	322	256	297	5219	4942
MO	1710	1410	1240	1236	19133	18631
MONT	98	118	97	89	2221	1684
NERR	879	619	758	644	9240	8895
NEV	103	90	86	79	1162	1150
N H	87	67	55	53	1013	1048
N J	1234	1140	982	874	13486	14048
N Y	6076	4579	4333	4233	65155	63052
N C	2487	2016	1511	1892	27582	27966
N DAK	267	204	20	205	2917	2843
OHIO	4603	3649	3398	3314	47861	48574
OKLA	720	658	507	430	8273	8069
OREG	593	580	505	485	7155	7235
PA	6352	4965	5415	4537	72976	70721
R J	135	117	126	85	1102	1537
S C	971	759	806	793	10945	10253
S DAK	12	9	9	9	160	128
TENN	1542	1210	1175	1049	18465	17441
TEX	3273	2649	2097	2178	36107	35542
UTAH	541	497	487	475	6758	6708
VT	11	11	7	5	153	151
VA	755	592	564	520	9263	8428
WASH	1462	1230	1029	1306	16472	16725
W VA	226	175	176	180	2675	2659
WIS	1623	1360	1248	1229	19642	18253
OTHER 1/	552	466	448	403	6035	6157
U S	74132	59783	57165	54876	836552	817890

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 CREAM, HARD  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	900	888	1279	1168	1125	1446	1382	1274
ARIZ	395	566	593	634	573	606	647	524
ARK	270	286	300	361	374	456	483	454
CALIF	6191	6135	7533	7027	7353	8414	9098	8398
COLO	528	572	679	775	644	800	810	793
CONN	893	1035	1358	1317	1489	1611	1694	1787
FLA	1858	1850	2533	2180	2264	2752	2209	2364
GA	503	547	679	679	639	729	759	684
IDAHO	229	235	268	314	253	323	348	293
ILL	3059	2977	3908	3759	3716	4580	4308	4026
IND	1990	2071	2595	2269	2285	2763	2396	2435
IOWA	646	790	962	1011	908	1097	1102	1090
KANS	518	632	722	668	649	782	664	720
KY	258	285	410	379	393	491	483	472
LA	745	778	965	894	897	1151	1098	1087
MAINE	301	417	497	474	529	608	681	667
MD 2/	1263	1105	1853	1636	1632	1769	1796	1741
MASS	2888	3088	4046	4175	4171	4439	4789	4245
MICH	2258	2178	2520	2610	2695	3035	2899	2848
MINN	1886	2092	2406	2126	1910	2502	2620	2325
MISS	347	331	472	434	420	601	510	488
MO	1138	1380	1623	1550	1441	1795	1814	1703
MONT	136	117	149	157	140	189	190	158
NEBR	566	664	797	739	614	917	886	812
NEV	74	80	89	90	79	104	112	102
N H	44	51	74	83	106	142	151	135
N J	736	651	894	1067	869	971	1085	932
N Y	3632	3911	5207	4667	4635	5545	5131	5030
N C	1928	1965	2502	2512	2512	2673	2846	2717
N DAK'	195	201	255	249	237	293	269	264
OHIO	3273	3533	4362	4230	3827	4723	4475	4583
OKLA	560	576	669	699	715	837	835	813
OREG	479	534	588	639	631	802	751	635
PA	4487	4539	6371	5555	5342	6818	6319	6515
R I	100	93	120	140	140	144	168	151
S C	474	817	818	939	916	1059	865	946
S DAK	8	7	11	9	8	11	10	11
TENN	1053	1156	1605	1571	1533	1771	1820	1787
TEX	2388	2654	3151	3019	3126	3667	3388	3399
UTAH	503	519	646	574	515	669	667	615
VT	7	9	10	13	16	16	27	19
VA	641	645	778	807	712	742	797	753
WASH	1129	1046	1479	1350	1388	1515	1631	1558
W VA	201	192	245	234	248	264	274	244
WIS	1236	1214	1664	1483	1370	1774	1695	1606
OTHER 1/	433	447	505	505	508	591	622	587
U S	53347	55859	71340	67771	66537	78987	77604	74790

SEE FOOTNOTES ON PAGE 47.

TABLE 36--ICE CREAM, HARD  
 PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
ALA	1177	888	761	700	10	13460	10	12948
ARIZ	564	481	454	466	9	6556	9	6503
ARK	337	304	266	241	4	3974	4	4212
CALIF	7503	6429	6642	6057	193	84731	193	86800
COLO	754	591	608	610	25	7138	22	8164
CONN	1504	1166	1092	1278	27	18826	25	16224
FLA	2579	1999	1771	2024	19	26927	18	26383
GA	530	446	408	395	11	7413	11	6998
IDAHO	261	266	199	219	10	3161	9	3208
ILL	4091	3171	3118	3091	49	45477	47	43894
IND	2477	2033	1811	1924	31	28848	30	27049
IOWA	1074	819	761	620	19	10375	17	10879
KANS	670	534	500	524	14	7563	13	7583
KY	405	321	273	285	11	4803	10	4455
LA	479	796	617	637	24	11552	23	10644
MAINE	447	407	362	552	14	6386	14	5942
MD 2/	1743	1261	1097	1164	17	19229	16	18060
MASS	4031	3389	3518	2851	43	46943	43	45630
MICH	2618	2222	1900	2083	42	32682	41	29866
MINN	2171	1745	1768	1688	20	25867	14	25239
MISS	464	322	256	297	7	5219	7	4942
MO	1637	1353	1192	1195	23	19014	23	17821
MONT	94	114	94	87	17	2195	16	1645
NEBR	879	619	758	644	14	9240	12	8895
NEV	94	82	81	76	3	1098	3	1063
N H	87	67	55	53	15	1013	13	1048
N J	916	893	735	768	18	10369	18	10517
N Y	5342	4212	4313	4086	77	57122	76	55711
N C	2487	2016	1926	1892	22	27582	22	27966
N DAK	267	204	204	205	14	2917	14	2843
OHIO	4531	3601	3358	3274	56	47823	53	47770
OKLA	715	654	503	427	16	9196	16	8003
OREG	592	579	504	484	21	7088	19	7218
PA	5988	4646	5187	4401	78	67839	76	66168
R I	133	117	126	85	11	1102	12	1517
S C	971	759	896	793	5	10945	5	10253
S DAK	10	8	8	8	4	103	4	109
TENN	1513	1191	1161	1039	18	18326	16	17200
TEX	3195	2594	2050	2131	39	35439	38	34762
UTAH	541	497	487	475	11	6758	11	6708
VT	11	11	7	5	5	153	4	151
VA	742	584	549	515	13	9071	12	8265
WASH	1398	1174	989	1274	18	15963	17	15931
W VA	226	175	176	180	7	2675	7	2659
WIS	1499	1247	1178	1162	44	18417	41	17128
OTHER 1/	543	460	446	400	15	5916	16	6047
U S	70790	57446	55185	53365	1167	803494	1124	783021

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

TABLE 37--ICE MILK 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	499	587	700	700	699	1048	848	849
ARIZ	130	218	284	276	280	280	285	305
ARK	117	139	207	184	205	272	251	251
CALIF 2/	1900	1826	2512	2263	2535	2616	2669	2470
COLO	271	263	402	429	450	563	611	559
CONN	195	199	332	362	384	469	525	486
FLA	872	846	1130	1066	1054	1238	1103	1222
GA	394	457	578	641	578	705	707	575
IDAHO	126	111	155	181	135	146	168	130
ILL	552	906	1331	1466	1507	1712	1734	1616
IND	590	625	955	930	951	1102	1227	1043
IOWA 3/	142	229	328	332	428	556	405	399
KANS	229	266	339	317	283	358	419	383
KY	195	229	295	366	367	411	470	434
LA	272	328	407	445	571	594	474	469
MAINE	76	60	95	85	158	143	190	129
MD 4/	408	481	655	660	826	817	902	810
MASS	428	508	572	587	748	770	828	888
MICH	607	731	1098	1347	1273	1738	1748	1664
MINN	225	285	445	567	625	730	774	737
MISS 5/	175	201	245	255	256	351	323	329
MO	660	865	1086	1097	1165	1558	1437	1308
MONT 6/	52	61	78	104	117	152	173	137
NEBR	165	230	305	327	333	456	448	422
NEV	54	52	70	66	76	70	85	75
N H	15	20	49	71	84	112	120	98
N J	143	167	238	271	225	286	317	297
N Y	396	450	690	911	1387	1591	1678	1592
N C	527	614	808	697	848	796	936	1026
N DAK	38	48	71	91	108	140	141	133
OHIO	898	1122	1644	2080	2124	2389	2618	2342
OKLA	257	314	387	406	394	487	411	496
OREG 7/	273	250	351	339	397	422	467	426
PA	789	777	1456	1473	1636	1921	1924	1927
R I	13	16	22	39	53	99	97	69
S C	92	250	374	365	400	446	466	463
S DAK	9	41	59	82	90	123	131	115
TENN	479	479	698	703	707	856	939	853
TEX	627	725	914	1032	1028	998	1006	1012
UTAH	109	169	228	245	275	303	356	312
VT	17	17	26	43	43	57	61	56
VA	237	264	360	408	417	450	505	457
WASH	522	468	646	692	770	830	862	709
W VA	113	139	220	262	288	325	332	312
WIS	231	300	400	453	515	635	716	657
OTHER 8/	195	190	236	286	274	293	325	312
U S	15304	17523	24501	26002	28067	32324	33212	31349

SEE FOOTNOTES ON PAGE 49.



TABLE 37--ICE MILK 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL	
	SEP	OCT	NOV	DEC	1975 PRODUCTION	1976 PRODUCTION
1,000 GALLONS						
ALA	716	512	443	407	8435	7998
ARIZ	243	275	257	246	1698	3119
ARK	202	192	114	159	2279	2283
CALIF 2/	2313	2193	2050	1869	29208	27216
COLO	433	373	314	279	4715	4947
CONN	358	245	218	206	3269	3979
FLA	1151	1059	876	870	13770	12487
GA	571	446	376	377	6545	6405
IDAHO	190	101	82	69	1755	1594
ILL	1333	1033	749	753	13957	14692
IND	971	626	478	505	11107	10003
IOWA 3/	327	191	188	157	4286	3682
KANS	358	252	218	173	4213	3595
KY	372	222	183	152	3974	3696
LA	446	333	280	260	5037	4789
MAINE	75	46	47	35	1682	1139
MD 4/	655	619	386	292	7820	7511
MASS	598	519	432	368	9177	7246
MICH	1118	947	693	725	12832	13689
MINN	471	345	225	179	5287	5608
MISS 5/	258	204	146	139	3118	2902
MO	1023	764	594	547	12235	12104
MONT 6/	88	83	54	57	1200	1156
NEBR	303	242	204	196	4035	3631
NEV	85	74	45	63	845	835
N H	56	40	21	21	1029	707
N J	222	200	143	203	2720	2732
N Y	1102	622	383	372	12122	11174
N C	726	557	523	467	9952	8525
N DAK	100	70	45	44	1163	1029
OHIO	1722	1194	982	870	21116	19985
OKLA	410	371	245	253	4781	4451
OREG 7/	382	324	288	318	4128	4237
PA	1272	1139	921	846	14817	16076
R I	25	12	11	8	717	464
S C	417	251	293	350	5702	4167
S DAK	75	41	33	26	1019	825
TENN	627	546	440	476	8892	7823
TEX	924	700	588	573	8700	10127
UTAH	270	238	186	171	2548	2862
VT	39	26	27	26	385	433
VA	356	312	271	249	4427	4286
WASH	707	602	525	667	7537	8010
W VA	244	170	108	136	2174	2649
WIS	517	385	275	301	7614	5385
OTHER 8/	257	223	201	189	2767	2981
U S	25148	19909	16246	15449	298789	285234

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 3A--MILK SHEPHERD 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	55	47	67	77	70	84	86	85
ARIZ	26	33	36	33	37	41	46	35
ARK	27	19	28	25	27	33	34	32
CALIF	397	437	533	517	517	773	765	579
COLO	34	41	45	58	45	60	69	78
CONN	37	35	58	71	80	100	99	82
FLA	101	108	170	150	201	224	173	188
GA	32	32	41	46	44	61	53	42
IDAHO	14	15	21	15	18	17	28	18
ILL	162	158	266	232	248	328	330	235
IND	161	136	205	214	205	271	213	199
IOWA	48	54	73	104	105	100	100	80
KANS	38	31	40	43	31	49	44	47
KY	18	16	29	27	31	43	44	32
LA	61	44	56	55	46	85	86	74
MAINE	17	21	19	18	38	32	44	31
MD 2/	105	103	147	169	188	231	205	167
MASS	93	90	172	187	242	269	278	207
MICH	108	119	160	199	186	237	228	162
MINN	93	95	122	163	111	189	143	171
MISS	23	27	35	31	36	43	46	42
MO	76	66	99	97	100	128	130	120
MONT	7	7	4	11	9	11	18	17
NEBR	21	23	30	31	31	26	45	41
NEV	5	4	7	5	4	8	8	8
N H	3	3	6	6	4	7	9	6
N J	30	23	39	43	60	76	79	56
N Y	116	109	188	212	230	297	245	235
N C	104	46	157	132	158	155	156	167
N DAK	7	8	11	13	13	16	16	17
OHIO	162	180	277	290	339	410	350	335
OKLA	28	35	50	31	26	51	41	61
OREG	60	44	43	32	52	43	78	59
PA	197	166	249	242	304	416	356	304
R I	5	3	8	10	12	12	13	9
S C	66	106	80	122	152	155	166	213
TENN	81	66	101	108	49	119	129	117
TEX	179	180	248	250	288	318	304	293
UTAH	27	27	44	47	37	51	58	45
VA	24	21	32	43	38	55	77	51
WASH	73	92	147	152	170	154	146	144
W VA	12	11	12	23	18	21	15	18
WIS	41	47	67	62	71	88	91	88
OTHER 3/	41	36	38	48	50	59	71	55
U S	3015	3013	4310	4444	4771	5966	5755	5045

SEE FOOTNOTES ON PAGE 51.

TABLE 3A--MILK SHEPHERD 1/  
 PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL	
	SEP	OCT	NOV	DEC	1975 PRODUCTION	1976 PRODUCTION
1,000 GALLONS						
ALA	91	53	39	43	757	787
ARIZ	38	23	29	23	404	400
ARK	27	24	17	23	293	316
CALIF	569	423	435	389	5781	6334
COLO	45	45	42	43	494	605
CONN	94	26	38	41	780	761
FLA	153	115	94	131	1670	1808
GA	35	27	24	25	514	462
IDAHO	13	17	11	12	182	199
ILL	231	162	179	176	2585	2707
IND	166	153	118	152	2297	2193
IOWA	71	76	36	54	767	901
KANS	42	43	32	36	493	476
KY	32	16	18	22	325	328
LA	71	54	36	31	755	699
MAINE	23	24	18	28	308	313
MD 2/	153	104	91	90	1831	1753
MASS	142	101	130	156	1985	2116
MICH	150	129	131	102	1901	1911
MINN	107	93	135	84	1474	1506
MISS	40	22	16	24	416	385
MO	100	69	71	67	1219	1123
MONT	4	6	2	7	125	103
NEBR	24	20	19	20	344	331
NEV	6	4	6	5	70	70
N H	5	2	3	7	69	61
N J	46	28	19	19	563	518
N Y	211	136	112	142	2425	2273
N C	124	89	91	67	1494	1486
N DAK	15	14	5	6	127	137
OHIO	245	172	147	175	2962	3082
OKLA	24	34	29	21	526	431
OREG	40	36	31	30	478	568
PA	218	157	151	243	2956	3023
R I	9	9	9	7	35	106
S C	148	94	93	131	1319	1526
TENN	26	64	65	69	1261	1115
TEX	276	191	145	157	2768	2849
UTAH	37	28	26	27	451	454
VA	28	21	18	25	408	433
WASH	98	88	80	90	1491	1434
W VA	18	12	11	13	221	184
WIS	71	49	44	48	686	767
OTHER 3/	49	38	37	33	532	555
U S	4215	3088	2873	3094	48542	49589

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 39--MFLORINE TYPE PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
FROZEN PRODUCT 1/								
ARIZ	37	28	44	44	30	51	46	40
ARK	51	44	57	57	58	73	78	64
CALIF 3/	425	333	562	536	489	527	543	496
ILL	59	82	99	115	102	150	107	126
LA	8	8	11	12	10	14	10	12
MO	68	68	78	74	84	83	105	97
OKLA	47	47	68	63	55	67	64	69
OREG	42	39	38	30	42	44	31	39
TEX	914	954	1111	1007	1050	1232	1180	1099
OTHER 2/	144	162	207	213	180	222	239	211
U S	1795	1765	2275	2151	2100	2463	2403	2253

MIX FOR  
FROZEN PRODUCT

ARIZ	19	14	24	24	15	26	25	22
ARK	26	23	28	29	30	35	39	34
CALIF	212	166	281	267	244	267	271	247
ILL	46	56	77	83	72	112	81	93
LA	4	5	6	6	5	7	6	6
MO	26	24	30	28	28	32	40	38
OKLA	26	24	32	31	28	34	32	35
OREG	22	17	19	17	19	21	15	19
TEX	514	518	607	536	578	667	634	594
OTHER 2/	77	93	111	114	91	110	123	116
U S	972	930	1215	1135	1110	1303	1266	1204

TABLE 40--OTHER FROZEN DAIRY PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ARK	2/	2/	2/	2/	2/	2/	2/	2/
CONN	59	100	138	129	146	175	177	136
GA	17	21	40	43	43	44	50	43
ILL	42	75	90	55	67	83	87	71
LA	8	14	17	22	19	25	23	19
MASS	36	36	58	46	56	63	59	62
MISS	2	9	4	6	4	4	5	5
MO	27	36	56	59	63	84	80	72
N Y	46	122	165	228	406	504	556	345
OKLA	2/	2/	2/	2/	2/	2/	2/	2/
PA	47	45	44	59	85	85	60	64
TENN	12	17	19	26	22	23	24	20
TEX	17	18	25	36	23	19	28	21
WASH	16	14	15	24	17	17	28	23
OTHER 2/	136	179	228	300	297	378	362	280
U S	525	646	909	1033	1248	1504	1539	1181

SEE FOOTNOTES ON PAGE 53.

TABLE 39--MELLORINE TYPE PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
FROZEN PRODUCT 1/								
ARIZ	55	29	17	16		546		437
ARK	53	45	28	48		713		656
CALIF 3/	395	399	302	251		5747		5258
ILL	89	81	71	59		1402		1140
LA	8	7	7	5		217		112
MO	93	62	46	41		993		889
OKLA	54	57	34	32		1037		657
OREG	30	26	26	15		532		402
TEX	1104	757	585	514		15833		11507
OTHER 2/	214	165	133	136		2018		2226
U S	2085	1428	1249	1117	4/	30038	4/	23284
MIX FOR FROZEN PRODUCT								
ARIZ	27	15	9	9	4	289	4	229
ARK	26	23	15	24	7	358	8	332
CALIF	197	199	151	125	22	3242	19	2623
ILL	71	60	50	42	16	983	17	843
LA	4	3	4	3	8	109	7	59
MO	30	23	17	15	10	431	9	331
OKLA	27	29	19	16	9	533	9	333
OREG	14	14	12	8	9	266	8	197
TEX	606	409	313	285	39	9838	37	6257
OTHER 2/	112	86	67	68	14	1052	14	1158
U S	1114	861	657	595	138	16101	132	12362

TABLE 40--OTHER FROZEN DAIRY PRODUCTS  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL		
ARK	2/	2/	2/	2/	3	86	2/	2/
CONN	51	42	24	33	2/	367	4	1208
GA	40	31	16	18	5	695	5	406
ILL	56	36	27	30	7	231	10	709
LA	19	13	9	12	4	321	4	200
MASS	22	25	13	11	4	51	4	487
MISS	5	2	2	2	4	635	4	59
MO	40	29	29	19	5	2541	6	594
N Y	207	91	71	91	11	114	11	2872
OKLA	2/	2/	2/	2/	3	787	2/	2/
PA	50	64	41	26	7	257	7	696
TENN	25	17	10	12	5	433	6	227
TEX	15	19	16	11	7	209	8	248
WASH	16	11	12	15	3		3	208
OTHER 2/	201	155	99	92	30	4335	39	2707
U S	747	539	369	372	98	11062	111	10612

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 41--WATER ICES 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	32	43	90	92	88	136	124	79
ARIZ	7	8	12	27	27	35	25	21
CALIF	196	291	452	502	382	507	564	439
COLO	5	15	15	59	44	73	50	36
CONN	5	11	29	37	46	84	151	105
FLA	56	69	117	121	124	131	106	161
GA	31	63	96	101	111	121	125	141
ILL	43	81	175	130	163	232	326	155
IND	235	97	232	227	255	280	249	261
KY	17	22	35	50	50	67	63	46
LA	14	10	23	30	19	35	29	25
MD 3/	2/	2/	2/	2/	2/	2/	2/	2/
MASS	18	40	114	59	92	130	83	90
MISS	6	11	13	18	18	22	20	18
N J	23	32	31	65	84	94	90	88
N Y	38	54	115	235	251	356	433	335
N C	287	136	214	185	307	233	226	222
OHIO	81	112	318	315	379	449	345	257
OKLA	11	17	22	29	38	41	40	42
PA	71	78	183	322	285	476	445	255
S C	2/	2/	2/	2/	2/	2/	2/	2/
TENN	17	32	238	52	62	69	62	73
TEX	79	140	180	195	214	289	300	225
UTAH	3	7	7	16	31	59	68	30
WIS	127	151	184	239	239	233	233	120
OTHER 2/	342	465	956	1182	1205	1641	1429	997
U S	1744	1985	3811	4289	4514	5793	5586	4221

SEE FOOTNOTES ON PAGE 55.

TABLE 41--WATER ICES 1/  
 PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
					PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	56	35	29	19	4	666	4	823
ARIZ	16	9	8	6	3	208	3	201
CALIF	290	273	241	106	12	4270	13	4233
COLO	15	11	5	9	5	124	4	337
CONN	13	6	1	6	8	370	9	494
FLA	129	84	54	51	9	1371	8	1203
GA	87	53	37	21	6	1012	6	987
ILL	107	44	40	47	14	1662	15	1503
IND	169	61	28	59	8	2640	8	2153
KY	38	16	13	16	5	380	5	433
LA	26	14	8	7	7	278	7	240
MD 3/	2/	2/	2/	2/	9	1945	2/	2/
MASS	28	17	11	9	8	781	8	691
MISS	18	10	5	4	4	181	4	163
N J	39	24	14	9	12	547	11	593
N Y	164	55	60	48	32	1657	32	2144
N C	207	146	127	132	14	2428	15	2422
OHIO	146	60	35	38	12	3466	12	2535
OKLA	25	24	9	3	5	324	4	301
PA	149	74	53	46	16	2674	16	2437
S C	2/	2/	2/	2/	3	555	2/	2/
TENN	50	26	18	15	9	550	8	714
TEX	170	106	57	43	20	2343	18	1998
UTAH	15	3	2	5	6	148	6	246
WIS	53	31	19	25	5	595	6	1654
OTHER 2/	454	319	292	214	45	7055	59	9496
U S	2454	1501	1166	938	281	38230	281	38001

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 42--ICE CREAM MIX  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	434	435	595	556	537	701	666	638
ARIZ	198	283	297	316	289	300	326	256
ARK	164	178	234	233	235	291	291	282
CALIF	3028	3016	3712	3501	3729	4226	4561	4224
COLO	271	287	358	386	332	430	420	408
CONN	422	490	643	630	708	745	783	837
FLA	1010	1021	1401	1185	1237	1504	1225	1311
GA	276	289	381	336	352	387	411	372
IDAHO	121	86	137	157	126	165	173	163
ILL	1667	1606	2137	2045	2049	2504	2401	2265
IND	1010	1033	1267	1126	1135	1344	1168	1200
IOWA	353	401	497	516	484	592	592	576
KANS	244	287	285	308	305	365	326	350
KY	157	163	227	218	226	260	252	262
LA	384	393	492	451	457	584	554	553
MAINE	160	208	217	236	270	300	291	324
MD 1/	690	582	970	857	848	1064	954	928
MASS	1468	1686	2089	2262	2191	2384	2511	2225
MICH	1234	1155	1586	1570	1606	1920	1901	1734
MINN	997	1163	1298	1282	1145	1496	1573	1377
MISS	179	171	252	221	216	306	260	250
MO	690	757	794	867	724	981	946	836
MONT	63	59	85	75	73	91	90	92
NEBR	322	369	449	410	341	504	462	458
NEV	43	44	51	51	51	59	64	60
N H	29	28	46	46	52	75	81	70
N J	423	393	545	635	568	659	738	638
N MEX	77	83	96	93	98	126	129	111
N Y	2135	2316	3231	3108	3175	3943	3684	3516
N C	839	991	1187	1211	1234	1385	1436	1375
N DAK	96	100	127	126	119	147	133	135
OHIO	1636	1838	2205	2188	1974	2459	2328	2413
OKLA	285	290	337	353	358	428	432	410
OREG	249	261	295	296	298	389	367	333
PA	2368	2398	3406	3070	3027	3912	3638	3622
R I	49	47	60	71	73	85	93	81
S C	253	437	437	501	486	564	462	503
S DAK	60	54	69	59	51	77	75	78
TENN	555	593	849	811	803	921	949	912
TEX	1248	1371	1643	1564	1616	1933	1837	1827
UTAH	261	267	336	300	273	357	343	317
VT	7	13	19	22	24	30	36	28
VA	368	373	453	476	427	444	489	469
WASH	571	591	904	759	686	778	860	801
W VA	97	95	115	114	119	123	136	121
WIS	846	663	884	816	743	940	938	924
OTHER 2/	149	144	167	175	172	190	202	198
U S	28196	29498	37865	36589	36042	43508	42557	40863

SEE FOOTNOTES ON PAGE 57.



TABLE 42--ICE CREAM MIX  
 PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL			
ALA	579	431	375	339	10	6513	10	6286
ARIZ	290	238	225	231	8	3273	8	3239
ARK	211	188	147	141	9	2491	9	2595
CALIF	3711	3230	3363	2990	48	42719	49	43291
COLO	386	301	312	311	16	3678	14	4202
CONN	678	519	498	582	12	9492	9	7525
FLA	1390	1081	978	1094	22	14421	19	14427
GA	288	243	218	206	12	3851	14	3759
IDAHO	146	121	87	85	8	1570	10	1567
ILL	2193	1735	1638	1635	43	24363	40	23865
IND	1197	992	881	965	21	14275	21	13318
IOWA	552	425	384	321	18	5374	18	5673
KANS	333	262	249	260	11	3448	10	3574
KY	221	170	151	159	11	2811	13	2466
LA	498	401	311	322	22	5881	20	5400
MAINE	221	208	161	276	9	3181	9	2872
MD 1/	904	630	589	558	14	10123	13	9574
MASS	2117	1784	1780	1469	33	24551	30	23966
MICH	1616	1341	1175	1246	39	18869	37	18084
MINN	1361	1031	1076	1003	14	15404	10	14792
MISS	231	164	130	148	7	2685	7	2528
MO	428	711	585	529	22	9467	22	9248
MONT	61	64	62	46	12	1109	11	861
NEBR	438	313	329	318	12	5139	11	4783
NEV	53	47	45	42	3	625	3	610
N H	43	33	29	32	10	534	7	564
N J	564	508	425	422	14	6423	13	6518
N MEX	106	77	79	67	5	1047	4	1142
N Y	3300	2498	2499	2356	54	36791	56	35761
N C	945	970	962	907	21	13529	22	13442
N DAK	128	100	100	100	13	1449	13	1411
OHIO	2277	1844	1730	1702	52	25035	53	24594
OKLA	358	326	256	213	15	4149	13	4046
OREG	292	302	254	247	22	3584	20	3583
PA	3283	2465	2738	2280	77	37495	72	36197
R I	69	60	45	43	4	536	4	796
S C	516	402	479	456	5	5825	5	5496
S DAK	66	61	51	54	5	721	5	755
TENN	749	616	509	503	20	9353	19	8860
TEX	1662	1357	1095	1081	42	18518	39	18244
UTAH	291	258	258	245	11	3403	11	3506
VT	17	15	10	8	5	252	5	229
VA	433	313	301	298	13	5322	10	4844
WASH	741	610	544	626	17	9329	16	8451
W VA	175	86	82	87	7	1329	7	1280
WIS	788	669	628	607	31	10201	31	9486
OTHER 2/	173	156	152	138	10	2052	9	2016
U S	37379	30356	29135	27748	891	431190	855	419726

1/ INCLUDES DISTRICT OF COLUMBIA.

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

TABLE 43--ICE MILK MIX 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	285	330	409	405	396	603	475	474
ARIZ	78	123	170	174	175	165	170	177
ARK	134	158	258	208	226	294	268	261
CALIF	1298	1236	1710	1520	1700	1754	1765	1657
COLO	171	170	257	275	295	371	396	364
CONN	101	113	182	199	217	273	301	272
FLA	572	577	718	643	622	742	662	716
GA	270	303	400	451	376	464	468	408
IDAHO	51	45	63	74	76	82	99	78
ILL	513	615	1010	1032	1146	1323	1301	1186
IND	301	319	549	510	528	619	621	573
IOWA	105	131	221	206	278	341	268	270
KANS	114	142	187	181	172	216	249	223
KY	104	128	189	215	229	243	295	267
LA	150	178	220	233	273	243	224	222
MAINE	34	27	50	48	83	76	99	74
MD	3/	3/	3/	3/	3/	3/	3/	3/
MASS	304	358	397	416	491	519	597	578
MICH	346	423	723	841	855	1136	1137	1076
MINN	148	191	305	396	438	506	536	491
MISS	99	114	153	156	160	213	186	184
MO	378	447	528	566	602	796	747	678
MONT	27	34	45	53	69	86	101	84
NEBR	110	144	192	220	215	293	288	278
NEV	37	35	47	45	50	45	54	47
N H	3/	3/	3/	3/	3/	3/	3/	3/
N J	73	83	123	143	114	151	174	155
N MEX	29	30	46	57	48	57	56	63
N Y	427	500	695	703	726	891	843	835
N C	376	386	471	506	462	510	588	609
N DAK	21	29	42	55	57	69	65	51
OHIO	620	772	1210	1453	1548	1679	1802	1663
OKLA	144	167	207	218	198	254	211	250
ORFG	145	147	184	201	220	249	266	253
PA	438	437	725	792	881	1059	1002	987
R I	5	7	7	17	25	53	39	30
S C	38	123	180	174	191	209	227	226
S DAK	25	35	56	76	86	117	123	108
TENN	250	269	374	387	364	440	468	443
TEX	417	455	567	642	597	694	683	678
UTAH	72	118	140	176	199	221	260	228
VT	12	13	19	31	32	41	44	40
VA	272	306	417	477	484	536	599	537
WASH	378	312	423	461	519	547	587	473
W VA	46	57	106	126	139	156	167	147
WIS	112	146	233	275	312	406	438	357
OTHER 3/	304	330	464	479	505	542	582	570
U S	9814	11067	15647	16526	17279	20284	20531	19341

SEE FOOTNOTES ON PAGE 59.

TABLE 43--ICE MILK MIX 1/  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
	SEP	OCT	NOV	DEC	1975		1976	
	1,000 GALLONS				PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER	1,000 GAL	NUMBER	1,000 GAL
ALA	405	296	260	228	18	4796	18	4566
ARIZ	172	164	150	139	7	1021	7	1857
ARK	226	187	133	160	10	2436	10	2483
CALIF	1546	1472	1377	1287	59	19172	55	18322
COLO	278	241	200	179	17	3012	16	3197
CONN	202	131	120	99	7	2066	5	2210
FLA	674	617	574	591	27	8478	24	7668
GA	370	308	255	269	18	4310	19	4342
ID&HO	95	56	45	49	9	817	10	813
ILL	438	713	584	528	42	10682	40	10789
IND	477	342	281	269	24	5746	23	5389
IOWA	218	129	112	91	21	2923	19	2370
KANS	215	156	125	109	19	2141	18	2089
KY	213	141	113	101	18	2575	19	2238
LA	249	168	131	132	22	2548	22	2423
MAINE	38	22	23	19	10	758	10	593
MD 2/	3/	3/	3/	3/	13	4454	3/	3/
MASS	410	328	278	223	16	6840	17	4899
MICH	720	595	463	419	33	8189	32	8714
MINN	322	231	152	120	12	3629	10	3836
MISS	149	116	89	95	14	1764	14	1714
MO	527	408	314	256	22	6527	24	6217
MONT	56	45	33	32	14	715	16	675
NEBR	198	152	123	120	16	2706	17	2347
NEV	55	50	45	44	3	518	3	554
N H	3/	3/	3/	3/	6	239	3/	3/
N J	117	104	88	94	11	1255	10	1419
N MEX	50	45	41	31	4	565	4	553
N Y	684	537	419	436	40	8387	37	7696
N C	430	365	310	289	21	6133	21	5252
N DAK	45	28	26	22	15	569	12	510
OHIO	1239	798	638	629	60	14614	61	14051
OKLA	210	184	144	135	16	2596	15	2317
OREG	227	183	178	191	21	2466	20	2444
PA	719	561	495	423	64	8760	60	8529
R I	11	4	3	2	5	128	5	203
S C	199	118	144	170	8	2539	8	1999
S DAK	64	37	33	25	7	758	7	785
TENN	311	272	236	230	21	4532	20	4044
TEX	588	478	424	415	39	5413	38	6638
UTAH	197	173	135	124	13	1722	12	2063
VT	27	19	16	17	7	291	6	311
VA	426	375	315	297	17	5036	16	5041
WASH	494	408	355	471	19	5132	19	5388
W VA	107	80	54	57	9	1052	9	1242
WIS	242	176	134	124	18	3680	19	2955
OTHER 3/	440	409	319	282	11	725	27	5226
U S	15580	12422	10437	10023	907	185415	874	178971

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

TABLE 44--MILK SHERRY MIX  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
1,000 GALLONS								
ALA	33	31	44	49	44	56	52	57
ARIZ	18	21	23	23	24	28	30	24
ARK	15	12	18	16	17	22	22	21
CALIF	253	278	323	334	335	496	487	374
COLO	22	26	31	37	30	38	45	50
CONN	23	22	35	43	51	60	60	49
FLA	70	67	109	96	123	140	106	114
GA	21	18	30	26	29	39	35	29
IDAHO	8	7	12	9	11	11	17	12
ILL	103	116	170	158	165	203	210	153
IND	102	90	142	152	148	192	148	136
IOWA	40	31	47	75	66	74	74	78
KANS	26	22	27	32	23	37	31	35
KY	10	9	17	15	18	25	24	19
LA	36	27	35	35	28	55	54	45
MD 1/	65	78	122	139	122	153	133	108
MASS	78	68	130	119	159	199	191	143
MICH	69	86	111	139	130	167	158	112
MINN	59	61	91	101	71	121	92	115
MISS	15	17	23	20	25	27	30	27
MO	47	39	70	59	64	85	87	76
MONT	3	3	2	5	4	5	7	6
NEBR	15	15	21	22	20	18	30	28
NEV	3	2	5	3	3	5	5	5
N H	2	3	3	6	5	6	6	6
N J	18	12	24	27	30	39	43	30
N Y	92	90	153	155	180	219	207	161
N C	54	59	92	93	95	103	113	109
N DAK	5	5	7	8	8	11	11	8
OHIO	119	128	172	197	237	276	228	228
OKLA	18	23	33	21	24	35	27	40
OREG	39	22	34	27	31	34	57	37
PA	125	95	146	145	198	263	228	186
R I	3	1	7	10	12	12	13	9
S C	40	67	54	68	100	101	106	118
TENN	45	46	62	71	64	77	87	79
TEX	128	114	168	154	173	207	206	184
UTAH	13	17	28	30	24	34	36	29
WASH	49	63	105	109	125	110	103	81
W VA	9	7	7	14	11	11	9	11
WIS	25	27	35	32	38	58	47	45
OTHER 2/	51	47	55	64	72	83	95	81
U S	1969	1972	2843	2938	3137	3935	3750	3258

SEE FOOTNOTES ON PAGE 61.

TABLE 44--MILK SHEPHERD MIX  
PRODUCTION BY STATES, BY MONTHS, 1976 AND ANNUAL 1975 AND 1976

STATE	1976				ANNUAL			
					1975		1976	
	SEP	OCT	NOV	DEC	PLANTS	PRODUCTION	PLANTS	PRODUCTION
	1,000 GALLONS				NUMBER 1,000 GAL		NUMBER 1,000 GAL	
ALA	50	33	26	27	9	502	9	502
ARIZ	24	15	17	15	5	265	5	262
ARK	19	15	11	15	6	182	7	203
CALIF	366	292	310	242	39	3729	42	4100
COLO	31	29	28	27	13	298	9	394
CONN	62	15	23	20	12	528	8	463
FLA	98	75	62	82	15	1044	13	1142
GA	23	18	16	14	10	333	10	298
IDAHO	10	12	7	7	5	114	6	123
ILL	159	97	110	121	31	1815	31	1765
IND	110	111	76	98	18	1429	17	1505
IOWA	47	42	31	34	11	536	9	639
KANS	33	28	23	23	10	333	8	340
KY	18	9	11	12	7	192	7	187
LA	46	31	22	21	16	467	15	435
MD 1/	90	67	69	51	10	1213	9	1177
MASS	120	81	92	104	22	1539	23	1474
MICH	103	91	92	70	29	1335	26	1328
MINN	64	60	47	54	12	814	9	966
MISS	25	14	11	14	7	262	7	248
MO	69	41	34	38	19	729	18	709
MONT	1	4	0	5	8	65	8	45
NEBR	17	12	14	12	9	224	10	224
NEV	4	3	3	3	3	42	3	44
N H	4	2	5	5	8	46	4	53
N J	23	18	8	12	8	347	6	284
N Y	151	97	79	95	37	1716	35	1679
N C	77	58	61	52	18	981	19	966
N DAK	8	6	4	4	8	85	7	85
OHIO	172	117	99	112	37	1997	36	2085
OKLA	16	23	20	14	13	353	12	294
OREG	27	28	24	22	13	291	14	382
PA	142	97	98	144	52	1903	47	1887
R I	7	9	9	7	5	29	7	99
S C	97	50	59	82	4	816	4	942
TENN	61	42	44	42	16	813	15	720
TEX	174	120	92	97	33	1788	34	1817
UTAH	24	18	17	20	11	286	11	290
WASH	63	55	55	54	12	1022	12	972
W VA	9	8	7	7	5	115	5	110
WIS	42	27	27	31	16	389	16	434
OTHER 2/	59	53	47	56	27	726	25	763
U S	2745	2023	1900	1965	649	31693	618	32435

1/ INCLUDES DISTRICT OF COLUMBIA.

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

TABLE 45--FROZEN DAIRY PRODUCTS: PRODUCTION, HARD AND SOFT, BY STATES, 1976

STATE	TOTAL FROZEN PRODUCTS 1/					ICE CREAM					ICE MILK 3/				
	PRODUCTION					PRODUCTION					PRODUCTION				
	AS % OF TOTAL					AS % OF TOTAL					AS % OF TOTAL				
	TOTAL	HARD	SOFT	HARD:SOFT	PERCENT	TOTAL	HARD	SOFT	HARD:SOFT	PERCENT	TOTAL	HARD	SOFT	HARD:SOFT	PERCENT
1,000 GALLONS					1,000 GALLONS					1,000 GALLONS					
ALA	21,733	18,931	2,802	87	13	12,948			100		5,196	2,802	65	35	
ARIZ	10,459	8,686	1,773	83	17	6,503			100		1,346	1,773	43	57	
ARK	7,922	6,019	1,903	76	24	4,212	455	90	10		835	1,448	37	63	
CALIF	125,608	108,020	17,588	86	14	86,800			100		9,628	17,588	35	65	
COLO	13,716	10,027	3,689	73	27	8,164			100		1,258	3,689	25	75	
CONN	20,954	18,193	2,771	87	13	16,224			100		1,208	2,771	30	70	
FLA	42,024	33,754	8,270	80	20	26,383	1,346	95	5		5,610	6,877	45	55	
GA	13,855	8,762	5,103	63	37	6,998			100		1,302	5,103	20	80	
IDAHO	5,001	3,880	1,121	78	22	3,208			100		473	1,121	30	70	
ILL	63,929	50,467	13,462	79	21	43,894	1,496	97	3		3,328	11,364	23	77	
IND	2/	2/	2/	2/	2/	27,049			100		4,846	5,157	48	52	
IOWA	2/	2/	2/	2/	2/	10,879	384	97	3		1,306	2,376	35	65	
KANS	11,654	10,020	1,634	86	14	7,583			100		1,961	1,634	55	45	
KY	8,926	5,473	3,453	61	39	4,455	447	91	9		690	3,006	19	81	
LA	16,244	13,448	2,796	83	17	10,644			100		1,993	2,796	42	58	
MAINE	2/	2/	2/	2/	2/	5,942			100		2/	2/			
MD 4/	28,080	21,233	6,847	76	24	18,060	756	96	4		1,884	5,627	25	75	
MASS	55,682	52,289	3,393	94	6	45,630	690	99	1		4,543	2,703	63	37	
MICH	49,972	34,015	15,957	68	32	29,866	4,506	87	13		2,553	11,136	19	81	
MINN	2/	2/	2/	2/	2/	25,239	4,289	85	15		1,655	3,953	30	70	
MISS	8,229	6,741	1,488	82	18	4,942			100		1,414	1,488	49	51	
MO	5/32,747	2/	2/	2/	2/	17,821	810	96	4		4,571	7,533	38	62	
MONT	2/	2/	2/	2/	2/	1,645	39	98	2		414	742	36	64	
NEBR	12,857	11,184	1,673	87	13	8,895			100		1,958	1,673	54	46	
NEV	2/	2/	2/	2/	2/	1,063	87	92	8		46	789	6	94	
N H	1,816	1,115	701	61	39	1,048			100		6	701	1	99	
N J	17,298	11,521	5,777	67	33	10,517	3,531	75	25		534	2,198	20	80	
N Y	76,499	63,099	13,400	82	18	55,711	7,341	88	12		5,252	5,922	47	53	
N C	37,977	35,433	2,544	93	7	27,966			100		5,981	2,544	70	30	
N DAK	4,009	3,301	708	82	18	2,843			100		321	708	31	69	
OHIO	71,641	55,179	16,462	77	23	47,770	804	98	2		4,366	15,619	22	78	
OKLA	13,608	10,707	2,901	79	21	8,003	66	99	1		1,616	2,835	36	64	
OREG	12,442	9,108	3,334	73	27	7,218	17	100			920	3,317	22	78	
PA	89,820	75,498	14,322	84	16	66,168	4,553	94	6		6,462	9,614	40	60	
R I	2,107	1,647	460	78	22	1,517	20	99	1		72	392	16	84	
S C	15,946	15,448	498	97	3	10,253			100		3,669	498	88	12	
S DAK	953	126	827	13	87	109	19	85	15		17	808	2	98	
TENN	2/	2/	2/	2/	2/	17,200	241	99	1		5,029	2,794	64	36	
TEX	60,025	49,639	10,386	83	17	34,762	780	98	2		3,026	7,101	30	70	
UTAH	10,024	8,365	1,659	83	17	6,708			100		1,203	1,659	42	58	
VT	589	158	431	27	73	151			100		2	431	1	99	
VA	13,147	9,761	3,386	74	26	8,265	163	98	2		1,063	3,223	25	75	
WASH	26,169	19,200	6,969	73	27	15,931	794	95	5		2,278	5,732	28	72	
W VA	5,492	3,286	2,206	60	40	2,659			100		443	2,206	17	83	
WIS	24,405	19,322	5,083	79	21	17,128	1,125	94	6		1,571	3,814	29	71	
OTH STS 2/	175,165	142,107	33,058	81	19	6,047	110	98	2		1,592	3,667	30	70	
U S	1,175,997	955,162	220,835	81	19	783,021	34,869	96	4		104,953	180,281	37	63	

SEE FOOTNOTES ON PAGE 63.

TABLE 45--FROZEN DAIRY PRODUCTS: PRODUCTION, HARD AND SOFT, BY STATES 1976

STATE	MILK SHERBET			MELLORINE				PERCENT TOTAL SOFT PRODUCTS SOLD AS:				
	PRODUCTION	AS % OF		PRODUCTION	AS % OF		ICE	ICE	MILK	MELLORINE	SHERBET	
		TOTAL	SHERBET		TOTAL	MELLORINE						CREAM
	HARD	SOFT	HARD	SOFT	HARD	SOFT	HARD	SOFT	P E R C E N T			
1,000 GALLONS	PERCENT		1,000 GALLONS	PERCENT								
ALA	787		100							100		
ARIZ	400		100	437		100				100		
ARK	316		100	656		100	24			76		
CALIF	6,334		100	5,258		100				100		
COLO	605		100							100		
CONN	761		100							100		
FLA	1,761	47	97	3			16			83	1	
GA	462		100							100		
IDAHO	199		100							100		
ILL	2,707		100	538	602	47	53	11		84		5
IND	2,193		100		2/	2/	2/	2/				
IOWA	901		100	2/		2/				100		
KANS	476		100						13	87		
KY	328		100							100		
LA	699		100	112		100				100		
MAINE	313		100							100		
MD 4/	1,289	464	74	26			11			82	7	
MASS	2,116		100				20			80		
MICH	1,596	315	84	16			28			70	2	
MINN	1,355	151	90	10	2/		2/			100		
MISS	385		100							100		
MO	1,108	15	99	1	2/	2/	2/	2/				
MONT	103		100	2/		2/	2/			100		
NEBR	331		100							100		
NEV	70		100	2/		2/				100		
NH	61		100							100		
NJ	470	47	91	9			61			38	1	
NY	2,136	137	34	6			55			44	1	
NC	1,486		100							100		
N DAK	137		100							100		
OHIO	3,043	39	99	1			5			95		
OKLA	431		100	657		100	2			98		
OREG	568		100	402		100	1			99		
PA	2,868	155	95	5			32			67	1	
RI	58	48	55	45			4			85	11	
SC	1,526		100							100		
S DAK							2			98		
TENN	1,115		100	2/		2/						
TEX	2,804	45	98	2	9,047	2,460	79	21	8	68		24
UTAH	454		100							100		
VT	5		100							100		
VA	433		100				5			95		
WASH	991	443	69	31			12			82	6	
W VA	184		100							100		
WIS	623	144	81	19			22			75	3	
OTH STS 2/:	514	36	93	7	2,579	536	83	17				
U S	47,502	2,087	96	4	19,686	3,598	85	15	16	82	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 46--WHOLE MILK EQUIVALENT USED IN MANUFACTURED DAIRY PRODUCTS: CALCULATED QUANTITIES USED IN SPECIFIED PRODUCTS, ON A WHOLE MILK BASIS, BY STATES, 1976 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		77,932	50,669			
CALIF	3,255,979	88,360	459,493	292,978		
COLO	111,838		1,198			
CONN			20,973			
DEL			6,033			
FLA						
GA						
IDAHO	151,895	676,167	187,290			
ILL	285,637	172,811	643,740			
IND	499,973	283,933	33,670			
IOWA	892,752	1,165,976	539,614			
KANS	337,163	302,475	12,782			
KY	433,297	492,579	62,791			
LA						
MAINE						
MD						
MASS			31,694			
MICH	630,601	184,865	105,122			
MINN	4,074,694	3,749,867	399,719			
MISS			1,178			
MO	475,868	528,980	151,108			
MONT	44,011	18,801				
NEBR	389,866	330,427	131,873			
NEV						
N H			27			
N J			67,561			
N MEX						
N Y	642,562	811,242	1,019,587		170,661	
N C		19,022				
N DAK	167,549	534,864				
OHIO	480,457	287,786	360,968	320,753		
OKLA	472,704	73,690				
OREG	263,247	253,578				
PA	521,698	367,149	320,270	217,205	90,986	
R I			6,438			
S C						
S DAK	225,239	444,436	114,802			
TENN	403,663	198,167	121,032		2,097	
TEX	90,732	119,753				
UTAH	129,088	441,227	200,661			
VT	158,297	187,020	240,649			
VA		63,406				
WASH	699,358	160,699	56,497			
W VA						
WIS	5,097,802	8,263,296	2,717,339		100,296	160,565
U S 4/	21,945,948	20,717,707	8,110,338	1,816,542	571,658	208,074

SEE FOOTNOTES ON PAGE 65.



TABLE 46--WHOLE MILK EQUIVALENT USED IN MANUFACTURED DAIRY PRODUCTS: CALCULATED QUANTITIES USED IN SPECIFIED PRODUCTS, ON A WHOLE MILK BASIS, BY STATES, 1976 <sup>1/</sup>

STATE	DRY WHOLE MILK	ICE CREAM AND OTHER FROZEN PRODUCTS	OTHER MILK PRODUCTS <sup>2/</sup>	TOTAL	DUPLICATIONS	NET TOTAL <sup>3/</sup>
1,000 POUNDS						
ALA		237,814	34,866	272,680	54,970	217,710
ARIZ		125,562	270,597	396,159	17,135	379,024
ARK		79,102	96,043	303,746	16,234	287,512
CALIF		1,493,194	355,792	5,945,796	257,624	5,688,172
COLO		165,599	38,982	317,617	6,471	311,146
CONN		269,758	85,756	376,487	14,930	361,557
DEL			1,848	7,881	1,153	6,728
FLA		511,884	20,957	532,841	162,214	370,627
GA		149,048	91,749	240,797	26,969	213,828
IDAHO		61,147	72,521	1,149,020	80,386	1,068,634
ILL		692,249	227,534	2,021,971	209,615	1,812,356
IND		423,165	55,189	1,295,930	75,964	1,219,966
IOWA		207,929	17,357	2,823,628	162,590	2,661,038
KANS		139,476	26,280	818,176	30,071	788,105
KY		94,135	50,584	1,133,386	63,276	1,070,110
LA		183,351	60,640	243,991	11,292	236,699
MAINE		87,282	22,391	109,673	27,182	82,491
MD		308,288	551,957	860,245	98,380	761,865
MASS		731,585	164	763,443	204,027	559,416
MICH	2,485	574,282	61,649	1,559,004	70,108	1,488,896
MINN	184,722	426,999	62,323	8,898,324	347,269	8,551,055
MISS		88,032	196,827	286,037	12,936	273,101
MO		340,028	303,402	1,799,386	53,427	1,745,959
MONT		32,702	3,983	99,497	4,998	94,499
NEBR		150,356	62,873	1,065,395	81,904	983,491
NEV		25,383	737	26,120	931	25,189
N H		21,738		21,765	5,718	16,047
N J		235,692	379	303,632	22,194	281,438
N MEX			51,590	51,590	1,676	49,914
N Y		1,036,640	336,971	4,017,663	513,678	3,503,985
N C		468,486	89,606	577,114	201,474	375,640
N DAK		46,592	3,109	752,114	57,132	694,982
OHIO		799,463	96,231	2,345,658	148,046	2,197,612
OKLA		159,183	12,732	718,309	30,540	687,769
OREG		128,531	43,433	688,789	28,681	660,108
PA		1,102,506	225,152	2,844,966	122,006	2,722,960
R I		24,357		30,795	7,236	23,559
S C		179,616	1,717	181,333	72,577	108,756
S DAK		8,479	7,500	800,456	50,840	749,616
TENN		291,738	151,269	1,167,966	62,039	1,105,927
TEX		584,001	110,000	904,486	58,893	845,593
UTAH		122,679	10,414	904,069	104,683	799,386
VT			69,621	655,587	60,546	595,041
VA		146,694	237,167	447,267	38,873	408,394
WASH		295,561	38,235	1,250,350	33,429	1,216,921
W VA		55,645	3,441	59,086	1,772	57,314
WIS	2,574	277,480	341,769	16,961,121	908,643	16,052,478
U S <sup>4/</sup>	554,057	13,709,415	1,705,916	69,339,655	4,651,163	64,688,492

<sup>1/</sup> 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. <sup>2/</sup> MILK EQUIVALENT OF OTHER DAIRY PRODUCTS, INCLUDING ITEMS PRODUCED BY LESS THAN 3 PLANTS. <sup>3/</sup> 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. <sup>4/</sup> STATES DO NOT ADD TO U. S. TOTAL, INCLUDES MILK EQUIVALENT FOR STATES NOT SHOWN SEPARATELY.

TABLE 47.--SKIM MILK EQUIVALENTS: CALCULATED QUANTITIES USED IN SPECIFIED SKIM MILK AND BUTTERMILK PRODUCTS, BY STATES, 1976 <sup>1/</sup>

STATE	COTTAGE CHEESE CURD	SWEETENED CONDENSED SKIM MILK, BULK	UNSWEETENED CONDENSED SKIM MILK, CASE & BULK	DRY		OTHER PRODUCTS <sup>3/</sup>	TOTAL
				BUTTER- MILK	NONFAT MILK <sup>2/</sup>		
1,000 POUNDS							
ALA	12,406						12,406
ARIZ	57,288					41,437	98,725
ARK	4,588						4,588
CALIF	666,231		385,206	14,399	1,785,311	11,259	2,862,406
COLOR	67,719					3,168	70,887
CONN	34,063					86,774	120,837
GA	12,319					8,008	20,327
IDAHO	15,894				72,457	9,886	98,237
ILL	217,631		11,265			12,618	241,514
IND	141,794		125,958			38,753	306,505
IOWA	60,669				906,224	39,234	1,006,127
KANS	89,975					195,602	285,577
KY						121,419	121,419
LA						94,657	94,657
MAINE	84,969					32,781	117,750
MD <sup>4/</sup>						516,307	516,307
MASS						194,665	194,665
MICH	214,388		247,680	22,363	467,368		952,399
MINN	68,206			128,557	2,062,291	19,461	2,278,515
MO	109,513					205,391	315,004
MONT	13,788						13,788
NEBR	40,838				154,715	4,321	199,874
NEV						5,152	5,152
N MEX	26,906						26,906
N Y	782,963		280,989		360,305	21,182	1,445,439
N C	27,313						27,313
N DAK	12,206			5,390	91,410		109,006
OHIO	309,925		88,404		416,196	10,100	824,625
OKLA	41,488					163,887	205,375
OREG	58,538					99,620	158,158
PA	253,381		150,423	3,443	108,053	6,309	521,609
S DAK					479,237	38,694	517,931
TENN	29,919				223,245	60,356	313,520
TEX	113,294					129,687	242,981
UTAH	38,488					10,373	48,861
VT	111,500					287,981	399,481
VA	34,125					86,483	120,608
WASH	137,656		26,340		449,394		613,390
W VA	12,013						12,013
WIS	243,300	88,962	360,969	177,221	1,171,984	46,279	2,092,062
U S <sup>5/</sup>	4,444,639	112,545	2,206,236	509,069	10,253,078	68,721	17,719,788

<sup>1/</sup> 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; DRY CASEIN, 35.7; CASE AND BULK SWEETENED CONDENSED SKIM-MILK, BULK UNSWEETENED CONDENSED SKIM-MILK, AND CONDENSED OR EVAPORATED BUTTERMILK, 3.0.

<sup>2/</sup> INCLUDES DRY SKIM-MILK FOR ANIMAL FEED.

<sup>3/</sup> STATE TOTALS INCLUDE ITEMS PRODUCED BY LESS THAN 3 PLANTS. THESE ARE INCLUDED IN THE PROPER COLUMNS IN U.S. TOTALS.

<sup>4/</sup> INCLUDES DISTRICT OF COLUMBIA.

<sup>5/</sup> STATES DO NOT ADD TO U.S. TOTAL WHICH INCLUDES MILK EQUIVALENT FOR STATES NOT SHOWN SEPARATELY.

TABLE 48--NET WHOLE-MILK EQUIVALENTS USED IN MANUFACTURED DAIRY PRODUCTS: TOTAL AND PER CAPITA, AND PERCENTAGE DISTRIBUTION BY MAJOR PRODUCTS, UNITED STATES, 1967-76

YEAR	TOTAL	PER CAPITA	PERCENTAGE DISTRIBUTION					TOTAL
			BUTTER	ALL WHOLE MILK AND PART SKIM CHEESE	EVAPORATED AND CONDENSED MILK	ICE CREAM AND OTHER FROZEN PRODUCTS	OTHER MILK PRODUCTS	
	MIL. PDS.	POUNDS						PERCENT
1967	59,770	300.8	43.7	28.8	6.7	17.6	3.2	100.0
1968	59,230	295.1	42.1	29.3	6.6	18.5	3.5	100.0
1969	58,228	287.3	40.6	30.3	6.6	18.9	3.6	100.0
1970	60,013	292.9	39.9	32.6	5.4	18.4	3.7	100.0
1971	61,602	297.6	38.8	34.0	5.3	17.8	4.1	100.0
1972	62,234	298.1	36.6	36.6	5.0	17.6	4.2	100.0
1973	58,678	278.9	31.7	40.2	5.0	18.9	4.2	100.0
1974	61,341	289.5	31.5	41.9	4.6	18.2	3.8	100.0
1975	60,375	282.6	32.9	39.6	4.4	19.6	3.5	100.0
1976	64,688	300.7	30.0	44.6	4.0	17.9	3.5	100.0

TABLE 49--SKIM-MILK EQUIVALENTS OF CERTAIN SKIM-MILK AND BUTTERMILK PRODUCTS, UNITED STATES, 1967-76

YEAR	FULL-SKIM AMERICAN CHEESE	COTTAGE CHEESE CURD	CONDENSED AND EVAPORATED SKIM MILK	NONFAT DRY MILK	CONDENSED AND DRIED BUTTERMILK	TOTAL 1/
	MILLION POUNDS					
1967	74	3,911	2,954	18,798	808	26,583
1968	57	4,058	2,845	17,835	778	25,748
1969	56	4,246	2,968	16,113	773	24,160
1970	64	4,540	3,048	16,016	671	24,367
1971	55	4,657	3,117	15,719	600	24,203
1972	67	4,901	2,941	13,599	596	22,217
1973	67	4,769	2,682	10,188	510	18,242
1974	2/	4,310	2,195	11,281	547	18,334
1975	2/	4,381	2,278	11,103	546	18,389
1976	2/	4,445	2,349	10,253	578	17,720

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

TABLE 50--ICE MILK: PERCENTAGE DISTRIBUTION HARD AND SOFT PRODUCTION, BY MONTHS, BY REGIONS, & UNITED STATES, 1976

REGION AND KIND	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
	PERCENT												
N ATL HARD:	7	7	9	8	9	10	10	10	10	8	7	5	42
N ATL SOFT:	3	4	7	9	12	14	15	14	8	6	4	4	58
E N CENT HARD:	7	7	9	9	8	11	11	10	10	7	5	6	26
E N CENT SOFT:	4	5	8	10	11	12	13	12	8	7	5	5	74
W N CENT HARD:	6	7	9	9	8	11	11	12	9	7	6	5	39
W N CENT SOFT:	4	6	8	9	11	14	13	11	9	6	5	4	61
S ATL HARD:	6	7	10	8	10	10	10	11	9	7	6	6	43
S ATL SOFT:	6	6	8	9	10	11	11	11	9	7	6	6	57
S CENT HARD:	6	7	9	9	9	11	11	11	9	7	6	5	45
S CENT SOFT:	6	7	8	9	10	11	11	10	9	7	6	6	55
WEST HARD:	6	6	9	9	9	10	11	10	9	8	7	6	32
WEST SOFT:	6	6	9	9	9	10	10	10	9	8	7	7	68
U S 1/ HARD:	6	7	9	9	9	10	11	11	9	7	6	6	37
U S 1/ SOFT:	5	6	8	9	10	12	12	11	9	7	6	5	63

1/ ALASKA AND HAWAII INCLUDED.

TABLE 51--NUMBER OF DAIRY PLANTS MANUFACTURING ONE OR MORE DAIRY PRODUCTS, 1972-76

STATE	1972	1973	1974	1975	1976
ALA	27	27	24	23	23
ALAS	1	2	2	2	2
ARIZ	15	15	16	16	15
ARK	17	15	15	14	14
CALIF	318	299	285	277	275
COLO	41	41	36	40	34
CONN	45	43	42	42	36
DEL	4	3	3	2	2
FLA	35	36	36	35	30
GA	26	25	24	23	23
HAW	4	5	5	5	5
IDAHO	37	35	33	32	31
ILL	130	120	112	110	110
IND	63	60	54	53	49
IOWA	94	82	78	69	66
KANS	47	44	38	34	31
KY	47	46	43	43	40
LA	37	30	37	30	29
MAINE	28	25	25	24	24
MD 1/	32	32	29	28	23
MASS	88	69	64	66	59
MICH	104	95	91	83	79
MINN	136	136	122	120	114
MISS	19	19	20	20	21
MO	86	79	64	2/ 60	60
MONT	37	36	33	28	28
NEBR	54	46	42	42	41
NEV	4	3	3	3	3
N H	15	15	15	15	15
N J	49	45	38	30	30
N MEX	8	6	6	6	5
N Y	206	203	201	185	181
N C	32	31	30	29	28
N DAK	50	47	44	40	34
OHIO	140	129	121	114	114
OKLA	32	26	24	24	24
OREG	39	35	31	30	30
PA	174	158	145	132	127
R I	17	13	12	15	16
S C	10	10	10	10	10
S DAK	35	35	36	2/ 35	34
TENN	55	53	53	42	41
TEX	83	82	75	68	64
UTAH	35	34	28	24	23
VT	27	27	25	25	25
VA	35	30	29	27	27
WASH	44	40	38	39	38
W VA	14	14	13	13	12
WIS	607	584	562	550	530
WYO	12	12	14	14	12
U S	3,295	3,097	2,920	2/ 2,791	2,687

1/ INCLUDES DISTRICT OF COLUMBIA.

2/ REVISED.

### WHOLE MILK USED FOR DAIRY PRODUCTS--HISTORICAL

A historical review of whole milk used in manufactured dairy products is shown in the above chart. Milk utilized for butter varied from 33 billion pounds in 1962 to a low of 18.6 billion pounds in 1973. An increasing volume of milk moved into cheese production, from about 13.4 billion pounds in 1960 to 28.8 billion pounds in 1976. Milk for cheese surpassed utilization for butter for the first time in history during 1973 and continued through 1976. Milk for frozen dairy products rose in most years from 1960 to 1975 then decreased slightly during 1976. Other utilization (dry whole, condensed and evaporated milk and other products) which have trended downward from 1960 moved slightly upward during 1976. The combined utilization of milk for frozen and other products varied only slightly during the 1960-76 period.

### MILK USED FOR MANUFACTURED DAIRY PRODUCTS AS PERCENT OF TOTAL MILK MARKETED, 1960-1976

Whole milk (net whole milk equivalents) utilized for manufactured dairy products tended to follow changes in total marketings of milk and cream by producers during the 1960-76 period. The percentage of marketings utilized for dairy products held in a rather narrow range, from a low of 50.6 percent in 1966 to a high of 55.2 percent in 1976.

### WHEY AND MODIFIED WHEY PRODUCTS

The series of production data for whey and modified whey products began in January 1975. Data for these products are shown in tables 5 and 7 on pages 10-13.

Condensed whey, in terms of the solids contained, showed significant gains in production during 1976 from a year earlier with an increase of nearly two-thirds. Sweet-type whey for human consumption accounted for most of the increase.

Dry whey increased 11 percent from 1975 to 662 million pounds. Dry whey for human food increased 9 percent from a year earlier and accounted for 73 percent of the total dry whey production.

The data for manufactured dairy products in 1976, given in this report, were compiled from reports made by dairy manufacturers direct to the United States Department of Agriculture and through the co-operating State agencies shown below:

<u>State</u>	<u>Agency</u>	<u>Collaborator or Cooperating State Official</u>
Alabama	State Department of Agriculture and Industries .....	McMillan Lane, Commissioner
Alaska	Department of Natural Resources State Division of Agriculture .....	K. Allan Linn, Director
California	State Department of Food and Agriculture .....	L. T. Wallace, Director
Colorado	State Department of Agriculture Animal Industry Division .....	James Banghart, Chief, Dairy Inspection
Florida	Florida Department of Agriculture and Consumer Services .....	Doyle Conner, Commissioner
Georgia	State Department of Agriculture .....	Thomas T. Irvin, Commissioner
Hawaii	State Department of Agriculture .....	John Farias, Jr., Chairman
Idaho	State Department of Agriculture Bureau of Dairying .....	J. L. Nichols, Chief
Illinois	State Department of Agriculture .....	John R. Block, Director
Indiana	Agriculture Experiment Station Creamery License Division .....	P. E. Pritchett, In Charge
Iowa	State Department of Agriculture Dairy Products Control Division .....	Richard C. Dennler, Chief
Kansas	State Board of Agriculture Dairy Division .....	Brace Rowley, Commissioner
Kentucky	State Department of Agriculture .....	Thomas O. Harris, Commissioner
Michigan	State Department of Agriculture Dairy Division .....	Kenneth M. Van Patten, Chief
Minnesota	State Department of Agriculture .....	Jon Wefald, Commissioner
Mississippi	State Department of Agriculture and Commerce .....	Jim Buck Ross, Commissioner
Missouri	State Department of Agriculture .....	James B. Boillot, Director
Nebraska	State Department of Agriculture Bureau of Dairies, Food, & Drugs.....	Herb Wenant, Chief
Nevada	State Dairy Commissioner .....	Clarence J. Cassidy, Executive Director
New York	State Department of Agriculture and Markets Division of Dairy Industry Service .....	Herbert R. Kling, Director
North Carolina	State Milk Commission .....	Grady Cooper, Jr. Executive Secy.
North Dakota	State Department of Agriculture Dairy Division .....	Robert Christ, Jr., Commissioner
Ohio	State Department of Agriculture .....	John M. Stackhouse, Director
Oklahoma	State Department of Agriculture Dairy Division .....	George Parker, Acting Director
Tennessee	State Department of Agriculture .....	Edward S. Porter, Commissioner
Utah	State Department of Agriculture Division of Marketing and Consumer Services .....	Archie S. Hurst, Director
Virginia	Virginia State Department of Agriculture & Commerce Division of Animal Health and Dairies .....	Dr. G. B. Estes, State Veterinarian
Washington	State Department of Agriculture .....	Gary F. Strohmaier, Director
West Virginia	State Department of Agriculture .....	Gus R. Douglass, Commissioner
Wisconsin	State Department of Agriculture .....	Dr. Gary E. Rohde, Secy.
Wyoming	State Department of Agriculture .....	Larry Bourret, Commissioner