



ANNUAL REPORT OF DAIRY PRODUCTS

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A. FROZEN DAIRY PRODUCTS AND MIXES

For the Year of

(**Include** product used in novelties. Purchased mix should be included in mix used.)

Record units as gallons unless otherwise specified.)

		January	February	March
1a.	Regular Ice Cream, Hard Quantity Produced			5211
1b.	Regular Ice Cream, Mix Used for Hard Production			5106
2.	Regular Ice Cream, TOTAL Mix Produced			5110
3a.	Lowfat Ice Cream, (light/reduced fat/lowfat) & milkshake, Hard Quantity Produced			5221
3b.	Lowfat Ice Cream, (light/reduced fat/lowfat) & milkshake, Mix Used for Hard Production			5126
4.	Lowfat Ice Cream, (light/reduced fat/lowfat) & milkshake, TOTAL Mix Produced			5120
5a.	Nonfat Ice Cream, Hard Quantity Produced			5241
5b.	Nonfat Ice Cream, Mix Used for Hard Production			5139
6.	Nonfat Ice Cream, TOTAL Mix Produced			5140
7a.	Reg/Lowfat Frozen Yogurt, Hard Quantity Produced			5711
7b.	Reg/Lowfat Frozen Yogurt, Mix Used for Hard Production			5616
8.	Reg/Lowfat Frozen Yogurt, TOTAL Mix Produced			5611
9a.	Nonfat Frozen Yogurt, Hard Quantity Produced			5721
9b.	Nonfat Frozen Yogurt, Mix Used for Hard Production			5617
10.	Nonfat Frozen Yogurt, TOTAL Mix Produced			

5612

11a. Sherbet, Hard Quantity Produced	5231
11b. Sherbet, Mix Used for Hard Production	5136
12. Sherbet, TOTAL Mix Produced	5130
13. Juice and Water Ices	5500
14. Other frozen dairy products (Name _____) (_____% milkfat)	5281
15. Other frozen dairy products (Name _____) (_____% milkfat)	5282
16. Other frozen dairy products (Name _____) (_____% milkfat)	5283

DISPOSITION OF MIX FOR FROZEN PRODUCTS

Of the total mix produced (Items 2, 4, 6, 8, 10 and 12 above), report the yearly total amounts of mix shipped or transferred within and outside the State

Disposition	Regular	Lowfat	Nonfat	Regular/Lowfat	Nonfat	Sherbet
	Ice	Ice	Ice		Yogurt Mix	Yogurt Mix
	Cream	Cream	Cream			
	Mix	Mix	Mix			
	(Item 2)	(Item 4)	(Item 6)	(Item 8)	(Item 10)	(Item 12)
	gallons	gallons	gallons	gallons	gallons	gallons
Shipments WITHIN State	5310	5320	5330	5340	5350	5360
5400 Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460
5400 Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460
5400 Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460

A. FROZEN DAIRY PRODUCTS AND MIXES

For the Year of

(**Include** product used in novelties. Purchased mix should be included in mix used.

Record units as gallons unless otherwise specified.)

	April	May	June	July	August	September	October	November	December	Total
5211										
5106										
5110										
5221										
5126										
5120										
5241										
5139										
5140										
5711										
5616										
5611										
5721										
5617										
5612										
5231										

5136

5130

5500

5281

5282

5283

DISPOSITION OF MIX FOR FROZEN PRODUCTS

Of the total mix produced (Items 2, 4, 6, 8, 10 and 12 above), report the yearly total amounts of mix shipped or transferred within and outside the State

	Disposition	Regular Ice Cream Mix (Item 2) gallons	Lowfat Ice Cream Mix (Item 4) gallons	Nonfat Ice Cream Mix (Item 6) gallons	Regular/Lowfat Yogurt Mix (Item 8) gallons	Nonfat Yogurt Mix (Item 10) gallons	Sherbet Mix (Item 12) gallons
5400	Shipment OUT of State To: (State _____)	5310	5320	5330	5340	5350	5360
5400	Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460
5400	Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460
5400	Shipment OUT of State To: (State _____)	5410	5420	5430	5440	5450	5460

INSTRUCTIONS

1. Report only the quantities of dairy products manufactured in your plant or plants at the address indicated.
2. The quantities should be reported in pounds or gallons, as indicated for the product.

3. Total dollars paid should be reported f.o.b. plant or your receiving station, whichever is the customary point for determining prices. Report total before hauling costs are deducted. Include quality, quantity, bulk tank or any other premiums.
4. **Section A - FROZEN PRODUCTS** - Frozen dairy products are to be reported only by plants that do the freezing. Include production for both wholesale and retail sale. Include the equivalent, in gallons, of novelties and specialties, whether frozen with or without agitation; also freezer-made milkshake, frozen custards, frosted malted milk and any other frozen products except water ices according to the product definitions below: (Mix used for making frozen products should include total mix to make products manufactured regardless of whether it is purchased or made at your factory or plant.)
- a. **Regular Ice Cream** - Include all ice cream and any other frozen dairy products made with a minimum milkfat content of 10 percent and not less than 4.5 pounds per gallon.
- b. **Light/Reduced Fat/Lowfat Ice Cream** - Include all frozen desserts (*except sherbet, frozen yogurt products and nonfat ice cream*) made with less than 10 percent milkfat required for ice cream. Include all freezer-made milkshakes.
- c. **Nonfat Ice Cream** - Include all frozen desserts that contain less than 0.5 grams total fat per 1/2 cup serving.
- d. **Sherbet** - Include all frozen sherbet products made with milk (except Light/Reduced Fat/Lowfat/Nonfat Ice Cream and freezer-made milkshake) made with a milkfat content of not less than 1 percent and not more than 2 percent. Exclude water ices.
- e. **Frozen Yogurt and Light/Reduced Fat/Lowfat Frozen Yogurt** - Include all cultured (i.e., by lactic acid producing bacteria) frozen dairy desserts which contain the same ingredients as ice cream. Frozen yogurt and lowfat frozen yogurt products have a milkfat content of 0.5 grams or greater per 1/2 cup serving and not less than 4.0 pounds per gallon.
- f. **Nonfat Frozen Yogurt** - Include all cultured (i.e., by lactic acid producing bacteria) frozen dairy desserts which contain the same ingredients as ice cream. Nonfat frozen yogurt products must contain less than 0.5 grams of fat per 1/2 cup serving and not less than 4.0 pounds per gallon.
- g. **Other frozen dairy products** - Include all frozen dairy products which are made with dairy ingredients that are not included in other categories. Also show any other products not reported under the above frozen items, giving the name and fat content, if any, of each product. Exclude whipped cream products.

MIX FOR FROZEN PRODUCTS

- h. **Regular Ice Cream mix** - Include all mix manufactured which contains at least 10 percent milkfat content (with or without additional ingredients such as egg yolk and malted milk powder) required for ice cream, whether for use in own plant or for sale to other plants. Mix for freezer-made milkshake, frozen custard, and frosted malted milk which does not contain at least 10 percent milkfat should be reported in the appropriate Light/Reduced Fat/Lowfat/Nonfat Ice Cream category.
- i. **Light/Reduced Fat/Lowfat Ice Cream mix** - Include all mix manufactured which contains less than 10 percent milkfat (with or without additional ingredients such as egg yolk and malted milk powder) required for ice cream, whether for use in own plant or for sale to other plants.
- j. **Regular and Lowfat Frozen Yogurt mix** - Include all frozen yogurt mix which contains at least 0.5 grams of fat per 1/2 cup serving.

- k. **Nonfat Frozen Yogurt mix** - Include all frozen yogurt mix which contains less than 0.5 grams of fat per 1/2 cup serving.
5. **Section B - CHEESE** - Report under Natural Cheese the weight of all cheese made from cow's milk, whether or not it may be subsequently converted to Processed Cheese or cold pack. Under Pasteurized Process and Cold Pack Cheese Products, report the weight of the final product, not the weight of the natural cheese used. 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, condiments, etc. Exclude spreads made from Neufchatel and cream cheese. Please check the specialty cheese box if any of the following characteristics are true for the cheese variety produced: ethnic origin, special manufacturing process, labor-intense manufacturing process, unique packaging, unique flavor, unique shape, produced for a specialty market, national production of less than 40 million pounds.
- a. **Fresh Hispanic cheese** - Report all cheese classified as Hispanic and not reported in other categories. Hispanic cheese is a natural cheese with a pH of 5.7 or higher and a moisture content of 40 percent or more.
- b. **Cottage cheese curd** - Report all **curd** made in your plant regardless of whether it is used for making partially creamed or creamed cottage cheese on the premises, or sold as **curd** either to consumers as such or to other plants for resale or further manufacture. Include under this item, all production of pot and Bakers cheese.
- c. **Lowfat cottage cheese** - Report the final weight after creaming of all cottage cheese which has a milkfat content of less than 4 percent. Include production from both curd made in this plant and curd received from other plants. Include nonfat cottage cheese.
- d. **Creamed cottage cheese** - Report the final weight after creaming of all cottage cheese which has a milkfat content of 4 percent or more. Include production from both curd made in this plant and curd received from other plants.
6. **Section C - WHEY.**
- a. Include production, prices, and stocks for each plant.
- b. **PRICES:** Average price should reflect manufacturer's price f.o.b. factory for all quantities sold during the month. (Value of sales divided by quantity sold.)
- c. **STOCKS:** Report all stocks on hand, regardless of ownership, whether held at the manufacturing plant, packaging plant, distribution points or in transit.
- d. **DRY WHEY STOCKS:** Stocks of dry whey for human consumption, regardless of grade, must be reported monthly. Both sweet and acid dry whey that has been pasteurized with no preservatives added, having all constituents of fluid whey, except moisture, retained in the same relative proportion, should be reported. Report all stocks on hand, regardless of ownership, whether held at the manufacturing plant, packaging plant, distribution points, or in transit. Stocks of purchased dry whey not intended for sale because it is intended to be used to produce other products should not be reported. Whey that has been modified (for example, whey protein concentrate or whey protein isolate) should not be reported as dry whey. Stocks of these products should be reported in the area indicated on the questionnaire.
- e. **CONCENTRATED WHEY:** The product obtained by the partial removal of water from fresh whey which has been pasteurized. Report final marketable product only. **DO NOT** include quantity used or shipped to another plant for further processing into dry whey or modified whey products.

- f. **REDUCED LACTOSE WHEY:** Whey from which a portion of the lactose has been removed. The lactose content of the dry product is less than 60%.
 - g. **REDUCED MINERALS WHEY:** Whey from which a portion of the minerals has been removed. The ash (mineral) content of the dry product may not exceed 7%.
 - h. **WHEY PROTEIN CONCENTRATE(WPC):** Whey product obtained by the removal of sufficient non-protein constituents (lactose, minerals) so that the finished dry product contains not less than 25% or more than 89.9% protein.
 - i. **WHEY PROTEIN ISOLATE (WPI):** Whey product obtained by the removal of sufficient non-protein constituents (lactose, minerals) so that the finished product contains 90% or more protein.
 - j. **WHEY PROTEIN FRACTIONS:** Any major or minor protein fraction obtained from whey.
 - k. **LACTOSE:** Lactose for animal or industrial use. Report final marketable product only. **DO NOT** include quantity of crude sugar used or shipped to another plant for further processing into lactose for human consumption.
 - l. **PERMEATE, DRY, FINISHED PRODUCT:** One of the products from ultra filtration, usually containing about 4.5% lactose. The concentration can be done either in a hyper filtration plant and an evaporator, or in an evaporator alone to 60% solids.
 - m. **DELACTOSE PERMEATE, MOTHER LIQUOR:** In lactose production the remaining product after separation of the lactose crystals, usually by decanting, is called mother liquor. Usually contains 33 percent protein, 33 percent lactose solution/crystals, and 33 percent mineral salts.
 - n. **PERMEATE, ON or OFF FARM UF or MPC BY PRODUCT:** Byproduct of UF milk or MPC production.
 - o. **DEPROTEINIZED WHEY:** Product produced from sweet whey by means of ultra filtration when sufficient protein is removed from whey so that the finished dry product contains more than 75 percent lactose.
7. **Section D - DRY MILK PRODUCTS.**
- a. Include shipments, prices, and stocks for all plants of your entire firm or cooperative.
 - b. **SHIPMENTS:** Report as shipments only those goods shipped that have been sold. Exclude owned or custom dried quantities moving inter-plant or into storage.
 - c. **PRICES:** Average price should reflect manufacturer's price f.o.b. factory or packaging plant for all bulk quantities sold during the month. The average price for packaged goods should include the cost of the package.
 - d. **STOCKS:** Report all stocks on hand, regardless of ownership, whether held at the manufacturing plant, packaging plant, distribution points or in transit.

- e. **NONFAT DRY MILK STOCKS:** Stocks of nonfat dry milk for human consumption, regardless of grade, must be reported monthly. Nonfat dry milk stocks should be reported if produced from pasteurized skim milk, and contain not more than 5% moisture by weight and not more than 1.5% by weight of milkfat. Include instant nonfat dry milk, product fortified with vitamins and minerals, and all nonfat dry milk regardless of the type of heat process used to produce it. Spray dry and roller type nonfat dry milk should be reported. Report all stocks on hand, regardless of ownership, whether held at the manufacturing plant, packaging plant, distribution points, or in transit. Stocks purchased nonfat dry milk not intended for sale because it is intended to be used to produce other products should not be reported. A common example of nonfat dry milk stocks to exclude is nonfat dry milk purchased from someone else for use by your firm with the intention of cheese vat fortification.
- f. **NONFAT DRY MILK:** Product obtained by removal of water only from pasteurized skim milk. Contains not more than 5% by weight of moisture and not more than 1.5% by weight of milkfat. Include product fortified with vitamins and minerals. Include all nonfat dry milk regardless of the type of heat process used to produce product.
- g. **DRY WHOLE MILK:** Product obtained by removal of water only from whole milk. Contains not less than 26% or more than 40% by weight of milkfat. Contains not more than 5% by weight of moisture on a milk solids no fat basis. Include product fortified with vitamins and minerals.
- h. **DRY BUTTERMILK:** Product obtained by drying liquid buttermilk that was derived from the churning of butter and pasteurized prior to condensing. Has a protein content not less than 30%. It may not contain, or be derived from, nonfat dry milk, dry whey or products other than buttermilk and contains no added preservative, neutralizing agent or other chemical.
- i. **SKIM MILK POWDER (SMP):** Essentially Nonfat Dry Milk which does not conform to the applicable provisions of 21 CFR part 131 Milk and Cream as issued by the Food and Drug Administration, due to the mixing with lactose permeate to standardize the protein percent to a desired level for the world market.
- j. **SKIM MILK POWDER BLENDS (SMP BLENDS):** Skim Milk Powders fortified with vitamins and minerals or oils.
- k. **MILK PROTEIN CONCENTRATE, DRY (MPC):** The finished dry product contains not less than 40% or more than 89.9% protein. Skim milk that has been concentrated by ultra-filtration to retain most of the protein (casein and whey proteins) while removing much of the water and some of the lactose, ash and other solids.
- l. **MILK PROTEIN ISOLATES, DRY (MPI):** The finished dry product contains 90% or more protein. In addition to high protein content, MPI is rich in calcium, and contains very low levels of lactose and fat.
- m. **CASEIN, DRY:** Include acid and rennet casein. Acid casein is manufactured with low microbial content and high solubility. Rennet casein is manufactured from fresh milk by coagulating action of the enzyme rennin.
- n. **CASEINATES, DRY:** Soluble salts of acid casein generally having a minimum protein concentration of 90%. Include sodium caseinates, calcium caseinates and special blends.
8. **Section E - OTHER DAIRY PRODUCTS MANUFACTURED.**

- a. **BUTTER:** The food product usually known as butter, with or without common salt, with or without additional coloring matter, and containing not less than 80% by weight of milkfat, all tolerances having been allowed for. Include butter that was custom churned and butter produced from whey cream. Do not include anhydrous milkfat, butter oil, or plastic cream.
- b. **CONDENSED or EVAPORATED PRODUCTS:** Include all bulk condensed milk produced for sale or use in manufacturing frozen product mix or proprietary products in your plant or plants. Condensed or evaporated milk concentrated at one plant and canned at another should be reported by the plant where canned. Include canned concentrated milk made with oils or fats other than milkfat. This product is frequently referred to as filled milk.
- c. **TOTAL YOGURT:** Include the yogurt component used in production of yogurt beverages.
- d. **MILK CALCIUM, DRY:** The product obtained by precipitating Ca-phosphate from whey or permeate. The product can be sold as milk calcium.
- e. Report products not listed above or for which sufficient space is not available, such as additional types of cheese, anhydrous milkfat, butter oil, or plastic cream.
- f. Report products not listed above or for which sufficient space is not available, such as additional types of cheese or plastic cream.

9. **Section F - MILK AND CREAM RECEIPTS**

- a. Include all milk and cream received direct from any producer regardless of location. Exclude receipts from other plants.
- b. Total dollars paid should be reported f.o.b. plant or your receiving station, whichever is the customary point for determining prices.
- c. Report total before hauling costs are deducted. Include quality, quantity, bulk tank or any other premiums.

COMMENTS:

SURVEY RESULTS: The [Dairy Products](http://www.nass.usda.gov/) report issued each month by USDA can be found at www.nass.usda.gov/.

Respondent Phone 9911

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