

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY—Circular No. 40.

D. E. SALMON, D. V. M., Chief of Bureau.

WASHINGTON, D. C., July 1, 1904.

In the table following, prepared under the supervision of Maj. Henry E. Alvord, Chief of the Dairy Division, are given the standards for dairy products as proclaimed by the Secretary of Agriculture and as established by law in the several States, so far as obtainable, and revised to date.

The percentages stated represent minimum standards in all cases unless otherwise expressed. States not named are understood to have no laws prescribing standards for dairy products.

D. E. SALMON,

Chief of Bureau of Animal Industry.

Approved:

JAMES WILSON,

Secretary of Agriculture.

Dy-58.

UNITED STATES AND STATE STANDARDS FOR DAIRY PRODUCTS, 1904.

States.	Milk.			Skim milk.	Cream.	Butter.	Cheese.
	Total solids.	Solids not fat.	Fat.	Total solids.	Fat.	Fat.	Fat.
United States ^{a b}	<i>Per cent.</i> 12	<i>Per ct.</i> 8.5	<i>Per ct.</i> 3.25	<i>Per ct.</i> 9.25	<i>Per ct.</i> 18	<i>Per cent.</i> 82.5	Full cream, 50 p. c. of the total solids to be fat.
California							Full cream, 30 p. c. fat; half skim, 15 p. c. fat; skim from skim milk. Fancy excepted.
Colorado							Full cream, 35 p. c. total solids to be fat; skim, fat less than 35 p. c. of total solids.
Dist. of Columbia		9	3.5	9.3	20	83 Not over 12 p. c. water or 5 p. c. salt.	
Georgia		8.5	3.5				
Hawaii	11.5		2.5				
Idaho		8	3				Full cream, 30 p. c. fat (fancy excepted); skim, less than 30 p. c. fat; filled, less than 15 p. c.; adulterated, sale prohibited.
Illinois ^c			3		^d 15	80	Whole milk, 48 p. c. total solids to be fat.
Indiana		9	3			80 Maxi- mum water, 15 p. c.; salt, 6 p. c.	Skim, minimum fat 10 p. c.
Iowa	12.5		3		15		
Kentucky	12		3		15	80	Skim, less than 10 p. c. fat.
Maine	12		3				
Maryland ^e	12.5		3.5				
Massachusetts	13	9.3	3.7	9.3			
April-September	12	9	3				
Michigan	12.5		3				
	Sp. grav. 1.029-33			Sp. grav. 1.032-37			

^a See proclamation of the Secretary of Agriculture, "Standards of Purity for Food Products," Office of the Secretary, Circular No. 10, Nov. 20, 1903.

^b Condensed milk, 28 per cent milk solids, of which one-fourth must be fat.

^c Condensed milk must contain not less than 8.5 per cent fat; evaporated cream containing less than 15 per cent fat must be labeled "an unsweetened condensed milk."

^d Coffee cream shall contain at least 15 per cent fat, and whipping cream at least 22 per cent fat.

^e Condensed milk must contain the equivalent of 12.5 per cent of milk solids in crude milk of which 3.5 per cent shall be fats.

United States and State standards for dairy products, 1904—Continued.

States.	Milk.			Skim milk.	Cream.	Butter.	Cheese.
	Total solids.	Solids not fat.	Fat.	Total solids.	Fat.	Fat.	Fat.
Minnesota	Per cent. 13	Per ct.	Per ct. 3.5	Per ct.	Per ct. ^a 20	Per cent. Maximum water, 16 p. c.	Full cream, 45 p. c. total solids to be fat; skim, fat less than 45 p. c. of total solids.
Missouri							Full cream, from 3 p. c. milkfat; skim, from milk less than 3 p. c. fat.
Montana	12	9	3	9 p. c. solids, not fat.	15		
Nebraska			3		15		
New Hampshire	13	9.5	3.5	9			
April-September	12		3				
New Jersey	12						
New York ^b	12		3				
North Carolina ^c	12	8.5	3.25		18	82.5	Skim, from skim milk. Full cream, 50 p. c. total solids to be fat; skim, from skim milk; cream cheese, milk 6 p. c. minimum fat.
North Dakota	12		3		15		Skim, from skim milk.
Ohio ^b	12		3			80	Full cream, 30 p. c. fat; skim, less than 30 p. c. fat.
Oregon	12	9	3	9 Sp. grav. 1.038	20	Not over 14 p. c. water.	Full cream, 30 p. c. fat; half skim, 15 to 30 p. c.; quarter skim, 7½ to 15 p. c.; skim, less than 7½ p. c. Fancy excepted.
Pennsylvania	12		3	8			Full cream, 32 p. c. fat; three-fourths cream, 24 p. c. fat; one-half cream, 16 p. c. fat; one-fourth cream, 8 p. c. fat; skim, below 8 p. c. fat. Fancy, less than 5 pounds, excepted.
Porto Rico	12		3			80 Maximum water, 16 p. c.; salt, 6 p. c.	Full cream, 30 p. c. fat; one-half skim, 15 p. c. fat; skim, 10 p. c.
Rhode Island	12		2.5				
South Carolina		8.5	3				
South Dakota	13		3		20	80	Full cream, 45 p. c. solids to be fat; skim, fat less than 45 p. c.
Utah	12.5		3	9 p. c. solids, not fat.	20	83	Skim, 7 to 11 inches in diameter; minimum height, 9 inches.
Vermont	12.5	9.25					
May and June	12						
Washington		8	3		18		Full cream, 30 p. c. fat; skim, 15 p. c. fat. Fancy excepted.
Wisconsin			3				Skim, 10 inches in diameter, 9 inches height.
Wyoming ^b	12		2.4			80	Skim, less than 20 p. c. fat.
May and June	11.5						

^a No thickener allowed.^b In New York, Ohio, and Wyoming the milk solids of condensed milk must be in quantity the equivalent of 12 per cent of milk solids in crude milk, of which solids 2.5 per cent shall be fat.^c Condensed milk must contain 28 per cent milk solids and 7 per cent fat.