

FEDERAL AND STATE STANDARDS FOR THE COMPOSITION OF MILK PRODUCTS

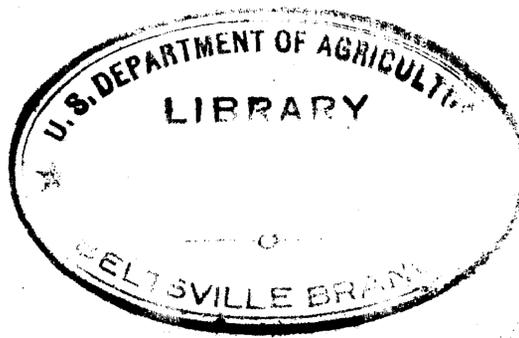
Compiled by the
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Requests for information on legal standards for the composition of milk and manufactured dairy products are received frequently in the Bureau of Dairy Industry. This publication was prepared to answer such inquiries as simply as possible. The information was obtained from statements furnished by Federal, State, and Territorial officials who are in charge of enforcing the laws and regulations pertaining to milk and milk products.

The State and Territorial standards apply to products produced and marketed within the State or Territory, whereas the Federal standards apply to products entering into interstate commerce.

The standards given are those in force on January 1, 1953, but it should be remembered that they may be changed from time to time by legislative action. The Bureau of Dairy Industry is in no way responsible for the establishment or enforcement of dairy legislation. Further information about standards and definitions of dairy products and about laws and regulations pertaining to adulteration of dairy products, sanitary measures required in dairy plants, and sanitary standards for dairy products should be obtained from the proper officials of the State or Territorial governments.

Standards for the common milk products, arranged alphabetically by States, are given in tables on pages 2-6, inclusive; each table has footnotes for the less common items. Standards for natural cheeses, other than Cheddar and Swiss, are given under the name of the cheese on pages 7 and 8.



	Milk			Cream	Evaporated milk		Sweetened condensed milk	
	Milk fat	Nonfat milk solids	Total milk solids	Milk fat	Milk fat	Total milk solids	Milk fat	Total milk solids
	<i>Minimum percent</i>	<i>Minimum percent</i>						
Federal.....				¹ 18	7.9	25.9	8.5	28
Alabama.....	3.25	8.5	11.75	18	7.8	25.5	8	28
Alaska.....	3.25	8	11.25	18	7.9	25.9	8.5	28
Arizona.....	3.25	8	11.25	18	7.9	25.9	8.5	28
Arkansas.....	3.25	8	11.25	18	7.9	25.5	8	28
California.....	3.5	8.15		² 20	7.9	25.9	8.5	28
Colorado.....	3.2			18	7.7		7.7	28
Connecticut.....	3.25	8.5	11.75	(³) 18	7.9	25.9	8.5	28
Delaware.....	3.5	8.5		18	7.8	25.5	8	
District of Columbia.....	3.5		11.5	20				
Florida.....	3.25	8.5		18	7.8	25.5	8	28
Georgia.....	3.25	8.5	11.75	18	7.8	25.5	8	28
Hawaii.....	3	8.5		⁴ 18				
Idaho.....	3.2	8	11	18	7.8	25.5		
Illinois.....	3	8.5	11.5	⁴ 18	7.9	25.9	8.5	28
Indiana.....	3.25	8		⁴ 18	7.9	25.9	8.5	28
Iowa.....	3	8.5	11.5	16	7.8	25.5	8	28
Kansas.....	3.25			⁴ 18	7.8	25.5	8	28
Kentucky.....	3.25	8		18	7.8	25.5	8	28
Louisiana.....	3.5	8.5	12	18	7.9	25.5	8	28
Maine.....	3.25	8.5	11.75	18	(⁶) 7.9	26.5	(⁶) 8.5	26.5
Maryland.....	3.5		12	18	7.9	25.9	8.5	28
Massachusetts.....	3.35		12	7 16				
Michigan.....	3	8.5		⁴ 18				
Minnesota.....	3.25			⁴ 20	7.9	25.9	8.5	28
Mississippi.....	3	8.5	11.75	18	7.8	25.5	8	28
Missouri.....	3.25	8		⁴ 18	7.9	25.9	8	28
Montana.....	3.25	8	11.25	20	7.8	25.5	8	28
Nebraska.....	3			18				
Nevada.....	3.25	8.5	11.75	⁴ 22	7.9	25.9	8.5	28
New Hampshire.....	3.35		11.85	18	7.9	25.9	8.5	28
New Jersey.....	3		11.5	16	7.8	25.5	8	28
New Mexico.....	3.25	8.5	11.75	18	7.8	25.5	8	28
New York.....	3		11.5	⁸ 18	7.8	25.5	8	28
North Carolina.....	3.25	8.5	11.75	18	7.9	25.7	8.5	28
North Dakota.....	3.25		11.5	20	7.9	25.9	8.5	28
Ohio.....	3		12	⁴ 18	7.9	25.9	8.5	28
Oklahoma.....	3.25	8	11.25	⁴ 18	7.9	25.9	8.5	28
Oregon.....	3.2	8.5	11.7	18	7.8	25.5		
Pennsylvania.....	3.25		12	18	7.8	25.5	8	28
Puerto Rico.....	3	9	12	18	7.9	25.9	8.5	28
Rhode Island.....	3.25		12	⁹ 18	7.8	25.5	8	28
South Carolina.....	3.8	8	11.25	18			8	28
South Dakota.....	3.25	8.5		18	7.8	25.5	8	28
Tennessee.....	3.5	8.5	12	⁴ 18	7.8	25.5	8	28
Texas.....	3.25	8		⁴ 18	7.8	25.5	8	28
Utah.....	3.2	8.3	11.5	⁴ 18	7.8	25.5	7.8	25
Vermont.....	3.25	8.5	11.75	¹⁰ 18	7.8	25.5	8	28
Virginia.....	3.25	8.5	11.75	18	7.8	25.5	8	28
Washington.....	3.25	8		¹¹ 18	7.8	25.5	7.8	25.5
West Virginia.....	3.5	8	11.5	⁴ 18	7.8	25.5	7.8	28
Wisconsin.....	3	8.25		⁴ 18	7.9	25.9	8	28
Wyoming.....	3.25	8.25	11.5	⁴ 18	7.9	25.9	7.9	25.9

¹ Light, coffee, or table cream, not less than 18 percent of milk fat, but less than 30 percent of milk fat; light whipping cream, not less than 30 percent of milk fat, but less than 36 percent of milk fat; heavy whipping cream, not less than 36 percent of milk fat.

² Pantry cream, not less than 30 percent of milk fat; whipping cream, not less than 35 percent of milk fat.

³ Extra light cream, not less than 12 percent of milk fat, but less than 16 percent of milk fat; light cream, not less than 16 percent of milk fat, but less than 26 percent of milk fat; medium cream, not less than 26 percent of milk fat, but less than 36 percent of milk fat; heavy cream, not less than 36 percent of milk fat.

⁴ Whipping cream, not less than 30 percent of milk fat.

⁵ Heavy cream, not less than 36 percent of milk fat.

⁶ Milk fat, not less than 29.5 percent of solids.

⁷ Medium cream, not less than 25 percent of milk fat; heavy cream, not less than 34 percent of milk fat; extra heavy cream, not less than 38 percent of milk fat.

⁸ Medium cream, not less than 25 percent of milk fat; heavy cream, not less than 36 percent of milk fat.

⁹ Heavy cream, not less than 38 percent of milk fat.

¹⁰ Medium cream, not less than 25 percent of milk fat; heavy cream, not less than 35 percent of milk fat.

¹¹ Whipping cream, not less than 32 percent of milk fat.

	Butter	Skim milk	Condensed skim milk	Dried milk		Nonfat dry milk solids	
	Milk fat	Total milk solids	Total milk solids	Milk fat	Water	Milk fat	Water
	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Maximum percent</i>	<i>Maximum percent</i>	<i>Maximum percent</i>
Federal.....	80					1.5	5
Alabama.....	¹ 80	8.5	20	26	5		5
Alaska.....	80	8					
Arizona.....	80						
Arkansas.....	80	8	20				
California.....	80	8.5	² 18	26	5	1.5	5
Colorado.....	¹ 80						
Connecticut.....	80						
Delaware.....							
District of Columbia.....	80	9					
Florida.....	¹ 80		² 20	26	5		5
Georgia.....	80	9.25					
Hawaii.....	80						
Idaho.....	80	9.3					
Illinois.....	80	9.25	² 20	27	5	1.5	5
Indiana.....	80	8.5					
Iowa.....	80	(³)		26	5		5
Kansas.....	80		⁴ 20				
Kentucky.....	80						
Louisiana.....	80	8	(⁴)	26	5		5
Maine.....				26	5		
Maryland.....	80						
Massachusetts.....	80	9.3					
Michigan.....	80						
Minnesota.....	80		² 20	26	5	1.5	5
Mississippi.....	80	8.5	18				
Missouri.....	80						
Montana.....	80	8					
Nebraska.....	80	9.25					
Nevada.....	80						5
New Hampshire.....	¹ 80	8.5					5
New Jersey.....	¹ 80						
New Mexico.....	¹ 80			26.5	5		5
New York.....	80	8.5					
North Carolina.....	80						
North Dakota.....	80	8.5	24	26	5		
Ohio.....	80			26	5		5
Oklahoma.....	¹ 80						
Oregon.....	80						
Pennsylvania.....	80		⁴ 20				
Puerto Rico.....	80			26	5	1.5	5
Rhode Island.....	80						
South Carolina.....		8					
South Dakota.....	80	9.25					
Tennessee.....	80		² 20	26	5		5
Texas.....	80		24	26	5		
Utah.....	80	8.5		26	5	1.5	5
Vermont.....	¹ 80	8.5					
Virginia.....	80	8.5					
Washington.....	80	8.8	⁴ 18	26	5		5
West Virginia.....	80	9	⁴ 20	26	5		5
Wisconsin.....	80	8.5	(⁴)	26	5	1.5	5
Wyoming.....	80	8.25	18	26	5	1.5	5

¹ Not more than 16 percent of water.

² Sweetened condensed skim milk, not less than 24 percent of total milk solids.

³ Less than 11.5 percent of milk solids, or less than 3 percent of milk fat.

⁴ Sweetened condensed skim milk, not less than 28 percent of total milk solids.

	Plain ice cream				Fruit, nut, or chocolate ice cream			
	Milk fat	Total milk solids	Weight per gallon	Food solids per gallon	Milk fat	Total milk solids	Weight per gallon	Food solids per gallon
	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum pounds</i>	<i>Minimum pounds</i>	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum pounds</i>	<i>Minimum pounds</i>
Federal								
Alabama	10	18		1.6	8	18		1.6
Alaska	10	18		1.6	8	14		1.6
Arizona	10		4.5	1.6	8		4.5	1.6
Arkansas	10	18		1.6	8	14		1.6
California	10			1.6	8			1.6
Colorado	12				10			
Connecticut	10	(1)	4.5	1.6	8	(1)	4.5	1.6
Delaware	12				² 10			
District of Columbia	8				8			
Florida	10	18		1.6	8	14		1.6
Georgia	10		4.5		8		4.5	
Hawaii	12	18	4.5	1.6	10	15	4.5	1.6
Idaho	12	18	4.25	1.6	10	14	4.25	1.6
Illinois	12		(3)		10		(3)	
Indiana	10	18	4.25	1.6	8	14	4.25	1.6
Iowa	12	20	4.5	1.6	10	16	4.5	
Kansas	10	20		(4)	10	20		(4)
Kentucky	10	18			⁵ 10	⁵ 18		
Louisiana	10	20	4.5	1.6	8	16	4.5	1.4
Maine	11	(6)	4.5	1.6	² 9	(6)	4.5	1.6
Maryland	12	20	4.5	1.6	8	15	4.5	1.6
Massachusetts	10	18.5	4.5	1.6	8	16.5	4.5	1.6
Michigan	12	(7)	4.5	1.6	10	(7)	4.5	1.6
Minnesota	12	20	4.5	1.6	10	16	4.5	1.6
Mississippi	10	(8)	4.5	1.6	8	(8)	4.5	1.6
Missouri	8				8			
Montana	10	(4)			9	(4)		
Nebraska	12	20	4.5		10	18	4.5	
Nevada	14		4.5		12		4.5	
New Hampshire	14		4.5		12		4.5	
New Jersey	10				² 8			
New Mexico	12	20			10			
New York	10	18		1.6	8	14		1.6
North Carolina	10	(8)	4.5	1.6	8	(8)	4.5	1.6
North Dakota	12		4.5		10		4.5	
Ohio	10	18	4.25		8	14	4.25	
Oklahoma	10	21	4.5		10	21	4.5	
Oregon	12	20	4.5	1.6	10	18	4.5	1.6
Pennsylvania	10		4.75	1.8	8		4.75	1.8
Puerto Rico								
Rhode Island	8				8			
South Carolina	10	18	4.25	1.6	10	18	4.25	1.6
South Dakota	12	(7)	4.5	1.6	10	(7)	4.5	1.6
Tennessee	10	18		1.6	8	14		1.6
Texas	8				6			
Utah	12	(9)		1.6	9	(10)		1.6
Vermont	14		4.5	1.6	² 12		4.5	1.6
Virginia	10	(8)	4.5		8	(8)	4.5	
Washington	10	20			10	20		
West Virginia	8	18			⁵ 8	⁵ 18		
Wisconsin	13	21	³ 4.5		11		(9)	
Wyoming	10	(11)	4.25	1.6	10	(11)	4.25	1.6

¹ Not less than 36 percent of total solids.

² Chocolate ice cream must meet the standards of plain ice cream.

³ Not more than 100 percent overrun.

⁴ Not less than 33 percent of food solids.

⁵ Before addition of fruit, nuts, or chocolate.

⁶ Not less than 36 percent of food solids.

⁷ Not less than 0.9 pound of milk solids per gallon.

⁸ Not less than 35 percent of total solids.

⁹ Not less than 28 percent of total solids.

¹⁰ Not less than 26 percent of total solids.

¹¹ Not less than 37 percent of total solids.

	Frozen custard				Milk sherbet			
	Milk fat	Total milk solids	Weight per gallon	Egg yolks per 90 pounds	Total milk solids	Acid	Stabi-lizer	Weight per gallon
	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum pounds</i>	<i>Minimum dozen</i>	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum percent</i>	<i>Minimum pounds</i>
Federal.....								
Alabama.....	10	¹ 18			(²)			
Alaska.....	8	(³)		(⁴)	(⁵)		0.5	
Arizona.....	10		4.5					
Arkansas.....	10	¹ 14		2.5	4	0.35		
California.....	10			5	(⁶)		.6	
Colorado.....								
Connecticut.....	7 8	(⁸)	4.5	(⁹)	(^{5 10})	.35	.6	
Delaware.....	12			5	¹¹ 3	.35	.5	
District of Columbia.....	8	18		5	3.5			
Florida.....	10	¹ 18		5	4	.35		
Georgia.....								
Hawaii.....	12	18		(⁹)	^{5 11} 2	.35	.5	6
Idaho.....	10	¹ 18		5	4	.35		
Illinois.....							1	
Indiana.....					⁵ 4	.4		5.5
Iowa.....	10			3				
Kansas.....								
Kentucky.....	¹² 10	¹² 18						
Louisiana.....	8	18	4.5		¹³ 10	.35	.5	6
Maine.....	6	(^{1 14})	4.5	(⁹)	(^{15 16})	.35		
Maryland.....	¹⁷ 12	¹ 20	4.5	(⁹)	¹¹ 3	.35		4.5
Massachusetts.....	10	18.5			4	.35		
Michigan.....	12	(¹⁸)	4.5	(¹⁹)	(²)			
Minnesota.....	12	¹ 20	4.5	(²⁰)	²¹ 4	.4		5.5
Mississippi.....	8	¹ 16	4.5	5	²² 4	.35		
Missouri.....								
Montana.....	10	(³)						
Nebraska.....	12	20			(²³)			
Nevada.....				(²⁴)	(^{21 23})			
New Hampshire.....	14		4.5		4	.35		
New Jersey.....	10			5	(¹¹)	.35	.5	
New Mexico.....								
New York.....	10	¹ 18		(⁹)	5	.35	.5	
North Carolina.....	8	¹ 16		5	4	.35		
North Dakota.....					⁵ 4	.35		
Ohio.....	10	18	4.25	5	4	.35		
Oklahoma.....								
Oregon.....						.35		
Pennsylvania.....	10		4.75	(⁹)	¹¹ 3	.35	.5	4.75
Puerto Rico.....								
Rhode Island.....	8			5	3.25	.35		
South Carolina.....	10	¹ 18	4.25	5	²⁵ 4	.35		4.25
South Dakota.....	12	(^{1 18})	4.5	3	(²¹)			4.5
Tennessee.....	8	¹ 14		2.5	4	.35	.5	
Texas.....								
Utah.....					4			
Vermont.....								
Virginia.....	8	(³)		(⁴)	(⁵)			
Washington.....								
West Virginia.....								
Wisconsin.....	13			(²⁶)	(^{27 28})	.35		
Wyoming.....	10	(^{1 29})	4.25	(²⁰)	(^{5 28})	.35	.5	

¹ Food solids, not less than 1.6 pounds per gallon.

² Not more than 2.5 percent of milk fat.

³ Not less than 33 percent of total solids.

⁴ Not less than 2.5 dozen egg yolks, or equivalent, per 46 pounds.

⁵ Not more than 3 percent of milk fat.

⁶ Not more than 4 percent of milk fat.

⁷ Not more than 10 percent of milk fat.

⁸ Not less than 34 percent of total solids.

⁹ Not less than 1.4 percent of egg yolk solids.

¹⁰ Not less than 24 percent of total solids.

¹¹ Not more than 5 percent of milk solids.

¹² Before addition of eggs.

¹³ Not less than 2.5 percent of milk fat.

¹⁴ Not less than 33 percent of food solids.

¹⁵ Not less than 24 percent of food solids.

¹⁶ Not less than 1 percent of milk fat.

¹⁷ When fruit, nuts, or chocolate is added, not less than 8 percent of milk fat, not less than 15 percent of milk solids, and not less than 1 percent of egg solids.

¹⁸ Not less than 0.9 pound of milk solids per gallon.

¹⁹ Not less than 1.1 percent of egg yolk solids.

²⁰ Not less than 5 egg yolks, or equivalent, per gallon.

²¹ Not less than 2 percent of milk fat.

²² Not more than 6 percent of milk fat.

²³ Not more than 8 percent of milk solids.

²⁴ Not less than 2 percent of egg solids.

²⁵ Not more than 6 percent of milk solids.

²⁶ Not less than 1½ ounces of egg yolk solids per gallon.

²⁷ Not more than 3.5 percent of milk fat.

²⁸ Not more than 10 percent of milk solids.

²⁹ Not less than 37 percent of total solids.

	Ice milk				Cheddar cheese		Swiss cheese
	Milk fat	Total milk solids	Stabilizer	Weight per gallon	Milk fat in solids	Water	Milk fat in solids
	Minimum percent	Minimum percent	Maximum percent	Minimum percent	Minimum percent	Maximum percent	Minimum percent
Federal					50	39	¹ 43
Alabama	² 2.5	(³)			(⁴)	39	45
Alaska	3	14	0.5				
Arizona	4				50		
Arkansas	⁵ 3	³ 14	.5		50	39	
California	4	(³)	.6		50	39	¹ 43
Colorado					50		
Connecticut	⁶ 3.25	(⁷)	.5		50	39	45
Delaware							
District of Columbia							
Florida	⁵ 3	³ 14	.5		50		
Georgia					50	39	
Hawaii	⁸ 3	³ 14		4.5			
Idaho	4	³ 14	.5		(⁹)		
Illinois					¹⁰ 50	¹⁰ 39	¹⁰ ¹¹ 45
Indiana					50	39	
Iowa					(⁹)		
Kansas					50		
Kentucky					50	39	45
Louisiana	3.5	10	.5	6	50	39	45
Maine	3.25	(³ ¹²)		4.5	50		
Maryland			Illegal		50	39	
Massachusetts	3.35	14	.5		50		45
Michigan	(¹³)				50	40	43
Minnesota	¹⁴ 2	³ 14	.5	5	50	39	45
Mississippi	⁸ 3	(³ ¹⁵)	.5	4.5	50	39	
Missouri					50	39	45
Montana					50	39	
Nebraska	¹⁶ 3	12	.5		50	38	43
Nevada	4				50		45
New Hampshire					50	39	(¹)
New Jersey							
New Mexico					50		
New York					50	39	
North Carolina	⁵ 4	(³ ⁶)	.5	4.5	50	39	45
North Dakota					50	39	45
Ohio					50	39	
Oklahoma					50	39	
Oregon	¹⁷ 3.2	14		4.5	50		
Pennsylvania			Illegal				
Puerto Rico					50	39	
Rhode Island	3.25		.5		50	39	
South Carolina							
South Dakota					50	39	45
Tennessee	⁵ 3	³ 14	.5		50	39	
Texas					50	39	45
Utah	4	(³ ¹⁸)	.5		50	39	45
Vermont					50	39	
Virginia					50		
Washington	3.25		.6		50	39	45
West Virginia					50		
Wisconsin					50	¹⁰ 39	¹⁰ 45
Wyoming	²⁰ 3.25	(¹²)	.5	4.25	50	39	43

¹ Not more than 41 percent of water.

² Not more than 4 percent of milk fat.

³ Not less than 1.3 pounds of food solids per gallon.

⁴ Not less than 30.5 percent of milk fat.

⁵ Not more than 10 percent of milk fat.

⁶ Not more than 6 percent of milk fat.

⁷ Not less than 30 percent of total solids.

⁸ Not more than 5 percent of milk fat.

⁹ Not less than 30 percent of milk fat.

¹⁰ With tolerance of 1 percent.

¹¹ Not more than 39 percent of water.

¹² Not less than 30 percent of food solids.

¹³ Not more than 2.5 percent of milk fat.

¹⁴ Not more than 12 percent of milk fat.

¹⁵ Not less than 25 percent of total solids.

¹⁶ Not more than 8 percent of milk fat.

¹⁷ Not more than 11.9 percent of milk fat.

¹⁸ Not less than 15 percent of total solids.

¹⁹ With tolerance of 2 percent.

²⁰ Not more than 4.5 percent of milk fat.

CHEESE STANDARDS

Asiago Fresh Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 45 percent.

Asiago Medium Cheese—Federal: Milk fat, not less than 45 percent of solids; water, not more than 35 percent.

Asiago Old Cheese—Federal: Milk fat, not less than 42 percent of solids; water, not more than 32 percent.

Blue Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 46 percent.

Brick Cheese—Federal: Milk fat, not less than 50 percent of solids; water not more than 44 percent.

Illinois, Iowa, North Dakota, Tennessee, Texas, Utah, and Washington: Milk fat, not less than 50 percent of solids.

Caciocavallo Siciliano Cheese—Federal: Milk fat, not less than 42 percent of solids; water, not more than 40 percent.

Camembert Cheese—Federal: See Soft Ripened Cheese.

Utah: Milk fat, not less than 45 percent of solids.

Cheddar Cheese—See table, page 6. For Cheddar types, see under specific name or under Skim-Milk Cheeses, page 7.

Colby Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 40 percent. Same for Indiana, Minnesota, North Dakota, Oklahoma, and Utah.

Cooked (or Cook) Cheese—Federal: Water, not more than 80 percent.

Cottage Cheese—Federal: Water, not more than 80 percent. Same for California, Indiana, Michigan, Minnesota, New Hampshire, Oklahoma, and Wisconsin.

Cream Cheese—Federal: Milk fat, not less than 33 percent; water, not more than 55 percent. Same for California, Indiana, Minnesota, New Hampshire, and Oklahoma.

Alabama, Iowa, Mississippi, North Dakota, Tennessee, Texas, Utah, and Washington: Milk fat, not less than 65 percent of solids.

Massachusetts: Milk fat, not less than 70 percent of solids; water, not more than 56 percent.

Creamed Cottage Cheese—Federal: Milk fat, not less than 4 percent; water, not more than 80 percent. Same for California, Indiana, Michigan, Minnesota, Nevada, New Hampshire, Oklahoma, and Wisconsin.

Arizona, Ohio, Washington, and Wyoming: Milk fat, not less than 4 percent.

Edam Cheese—Federal: Milk fat, not less than 40 percent of solids; water, not more than 45 percent.

Gammelost Cheese—Federal: Water, not more than 52 percent.

Gorgonzola Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 42 percent.

Gouda Cheese—Federal: Milk fat, not less than 46 percent of solids; water, not more than 45 percent.

Iowa, North Dakota, Utah, and Washington: Milk fat, not less than 45 percent of solids.

Granular Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 39 percent.

California: Milk fat, not less than 50 percent of solids; water, not more than 42 percent.

Gruyere Cheese—Federal: Milk fat, not less than 45 percent of solids; water, not more than 39 percent.

Hard Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 39 percent.

Hard Grating Cheese—Federal: Milk fat, not less than 32 percent of solids; water, not more than 34 percent.

High-Moisture Jack Cheese—Federal: Milk fat, not less than 50 percent of solids; water, more than 44 percent but not more than 50 percent. Same for California.

Limburger Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 50 percent.

Alabama, North Dakota, Texas, Utah, and Washington: Milk fat, not less than 50 percent of solids.

Monterey Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 44 percent. Same for California and Utah.

Munster Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 46 percent.

Neufchatel Cheese—Federal: Milk fat, not less than 20 percent but not more than 33 percent; water, not more than 65 percent. Same for Indiana, Minnesota, and Oklahoma.

Mississippi, North Dakota, Texas, Utah, and Washington: Milk fat, not less than 50 percent of solids.

Parmesan Cheese—Federal: Milk fat, not less than 32 percent of solids; water, not more than 32 percent.

Provolone Cheese—Federal: Milk fat, not less than 45 percent of solids; water, not more than 45 percent.

Romano Cheese—Federal: Milk fat, not less than 38 percent of solids; water, not more than 34 percent.

Roquefort Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 45 percent.

Runesten Cheese—Wyoming: Milk fat, not less than 40 percent of solids; water, not more than 41 percent.

Sap Sago Cheese—Federal: Water, not more than 38 percent.

Semisoft Cheese—Federal: Milk fat, not less than 50 percent of solids; water, more than 39 percent but not more than 50 percent.

Skim-milk Cheeses

COTTAGE CHEESE—See p. 7.

HALF-SKIM CHEDDAR CHEESE—Oregon and Washington: Milk fat, not less than 25 percent of solids nor more than 50 percent of solids.

MEDIUM SKIM-MILK CHEESE—New York: Milk fat, not less than 13 percent.

PART-SKIM CHEDDAR CHEESE—California: Milk fat, not less than 30 percent of solids nor more than 50 percent of solids.

No. 1 PART-SKIM CHEESE—Arizona: Milk fat, not less than 30 percent but less than 50 percent.

No. 2 PART-SKIM CHEESE—Arizona: Milk fat, not less than 16.5 percent but less than 30 percent.

PART-SKIM SPICED CHEESE—Federal: Milk fat, not less than 20 percent of solids, but less than 50 percent of solids.

QUARTER-SKIM CHEDDAR CHEESE—Oregon and Washington: Milk fat, not less than 12 percent of solids but less than 25 percent of solids.

SEMISOFT PART-SKIM CHEESE—Federal: Milk fat, not less than 45 percent of solids, but less than 50 percent of solids; water, not more than 50 percent.

SKIM-MILK CHEESE—Arizona: Milk fat, less than 16.5 percent.

SPECIAL SKIM-MILK CHEESE—New York: Milk fat, not less than 18 percent.

Soft Ripened Cheese—Federal: Milk fat, not less than 50 percent of solids.

Spiced Cheese—Federal: Milk fat, not less than 50 percent of solids.

Swiss Cheese—See table, p. 6.

Washed-curd Cheese—Federal: Milk fat, not less than 50 percent of solids; water, not more than 42 percent. Same for Indiana, Minnesota, North Dakota, Ohio, Oklahoma, and Wyoming.