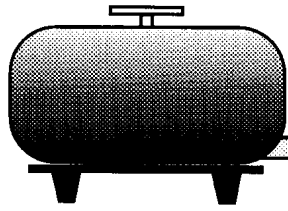


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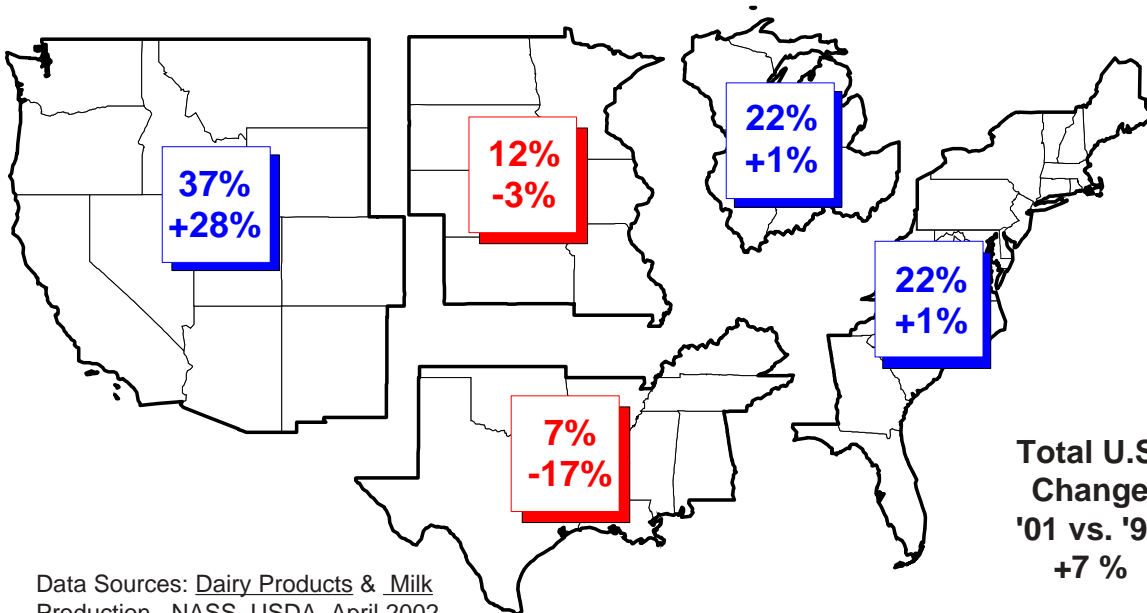
Where's The Milk.....???

United States 2001 milk production noted the first year-to-year decrease since 1996. Milk production during 2001 totaled 165.335 billion pounds -- down 1.37% from a record 167.658 billion pounds during 2000. However, even with this small decrease, 2001 US milk production remains 7.14% greater than the 154.311 billion pounds produced during 1996. This bulletin addresses the question, "Where's The Milk" being produced or utilized?

The map graphics and data tables contained in this bulletin illustrate the regional production of milk, cheese, butter, nonfat dry milk, and ice cream. The top number shown in each map region provides the percentage of the total 2001 U.S. production for the product depicted by the respective map. The bottom number with each region provides the percentage change in the production of the product comparing 2001 with 1996.

U.S. 2001 milk production increased 11.0 billion pounds from 1996. Milk used in cheese production utilized most of this increase -- accounting for 9.1 billion pounds.

Regional Milk Production As A Percent Of 2001 Total U.S. Milk Production With Percent Change In Production: 2001 vs 1996



Data Sources: Dairy Products & Milk Production. NASS, USDA, April 2002.

Three regions increased milk production from 1996 levels: the West region accounted for 37.08% of the 2001 U.S. milk production - up 28.04%; the Atlantic region accounted for 22.95% of the production - up 0.64%; and the East North Central region accounted for 22.35% of the total production -- up 0.76%. The two other regions experienced a decline in milk production during this time frame. The data table for milk production can be found on the back page.

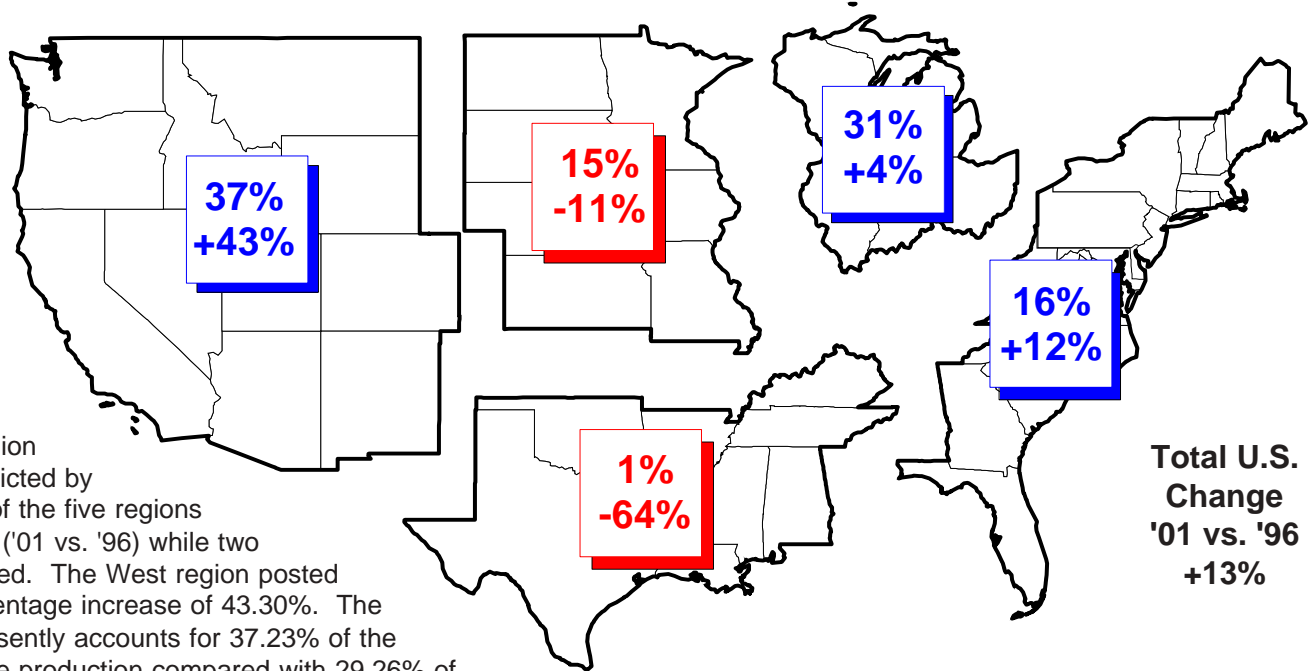
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Regional Cheese Production As A Percent Of 2001 Total U.S. Cheese Production With Percent Change In Production: 2001 vs 1996

Total 2001 U.S. cheese production noted its first year-to-year decrease since 1984. Cheese production totaled 8.129 billion pounds during 2001 - down 1.56% from 2001. However, 2001 production was 12.63% higher than the 1996 total of 7.218 billion pounds. As depicted by the map, three of the five regions noted increases ('01 vs. '96) while two regions decreased. The West region posted the largest percentage increase of 43.30%. The West region presently accounts for 37.23% of the total U.S. cheese production compared with 29.26% of the total during 1996.



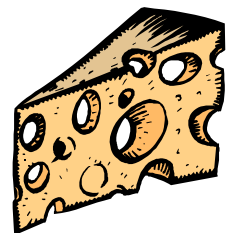
Milk used in cheese production in the West region increased 9.144 billion pounds from 1996 to 2001. For comparison purposes, Minnesota's 2001 milk production totaled 8.812 billion pounds.

Total U.S. Cheese Production By Region (Thousand Lbs.)

	Atlantic	East-North Central	West-North Central	South Central	West	Total
1996	1,149,242	2,441,497	1,369,217	145,750	2,111,812	7,217,518
1997	1,138,139	2,469,629	1,323,811	116,576	2,280,863	7,329,018
1998	1,182,078	2,482,707	1,292,564	66,243	2,478,311	7,501,903
1999	1,270,010	2,538,478	1,344,773	48,940	2,691,899	7,894,100
2000	1,325,296	2,606,420	1,338,735	54,337	2,933,210	8,257,998
2001	1,290,457	2,545,063	1,214,400	52,980	3,026,194	8,129,094

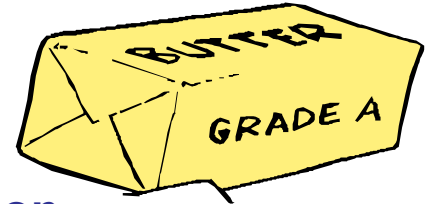
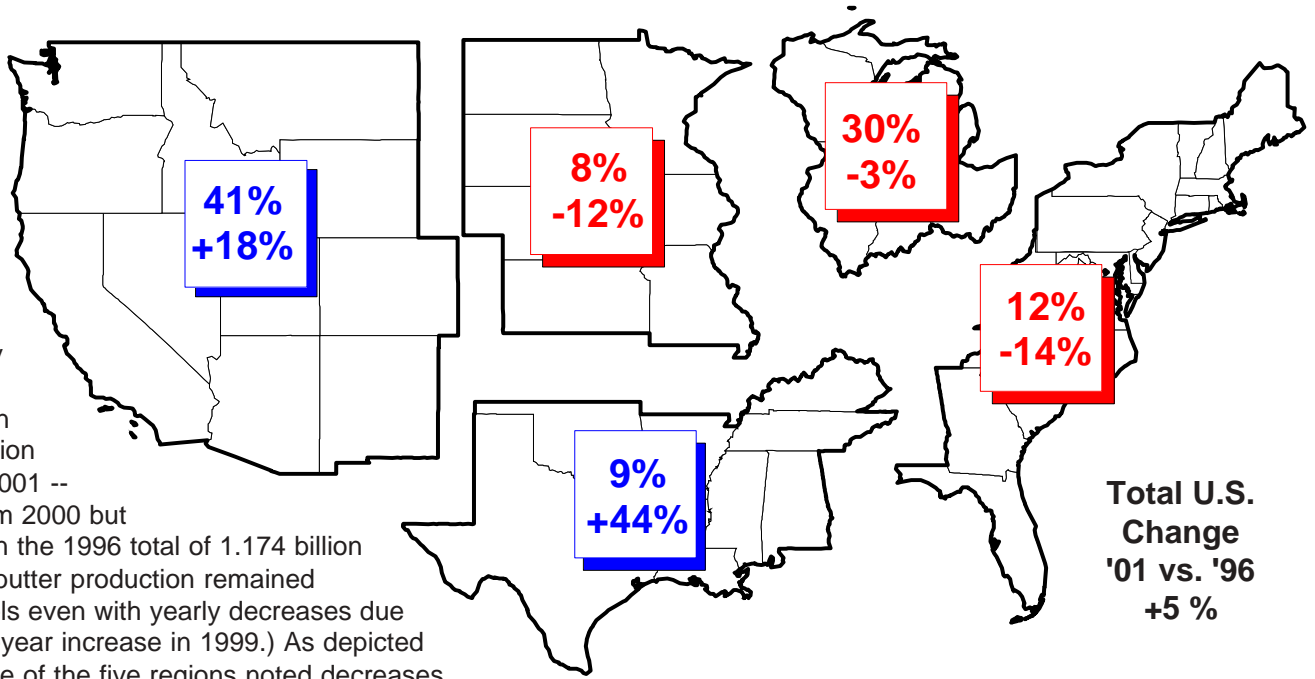
As A Percent Of Total Production

	Atlantic	East-North Central	West-North Central	South Central	West
1996	15.92	33.83	18.97	2.02	29.26
1997	15.53	33.70	18.06	1.59	31.12
1998	15.76	33.09	17.23	0.88	33.04
1999	16.09	32.16	17.03	0.62	34.10
2000	16.05	31.56	16.21	0.66	35.52
2001	15.87	31.31	14.94	0.65	37.23



Regional Butter Production As A Percent Of 2001 Total U.S. Butter Production With Percent Change In Production: 2001 vs 1996

Total U.S. butter production decreased slightly during 2001 for the second year following an increase in 1999. Prior to 1999, butter production had decreased every year since 1992. Butter production totaled 1.237 billion pounds during 2001 -- down 1.53% from 2000 but 5.31% more than the 1996 total of 1.174 billion pounds. (2001 butter production remained above 1996 levels even with yearly decreases due to the large one-year increase in 1999.) As depicted by the map, three of the five regions noted decreases when comparing 2001 with 1996. During 2001, the West region was the largest butter producer with 41.06% of the U.S. total. However, the South Central region noted the largest percentage increase from 1996 at 44.46%.



Total U.S. Butter Production By Region (Thousand Lbs.)

	Atlantic	East-North Central	West-North Central	South Central	West	Total
1996	167,160	379,351	120,167	76,557	431,240	1,174,475
1997	146,734	383,237	117,984	68,184	435,111	1,151,250
1998	178,432	373,318	131,327	68,128	330,674	1,081,879
1999	172,013	349,758	128,889	114,667	511,763	1,277,090
2000	153,671	327,169	111,766	117,766	545,660	1,256,032
2001	144,543	368,168	105,711	110,593	507,786	1,236,801

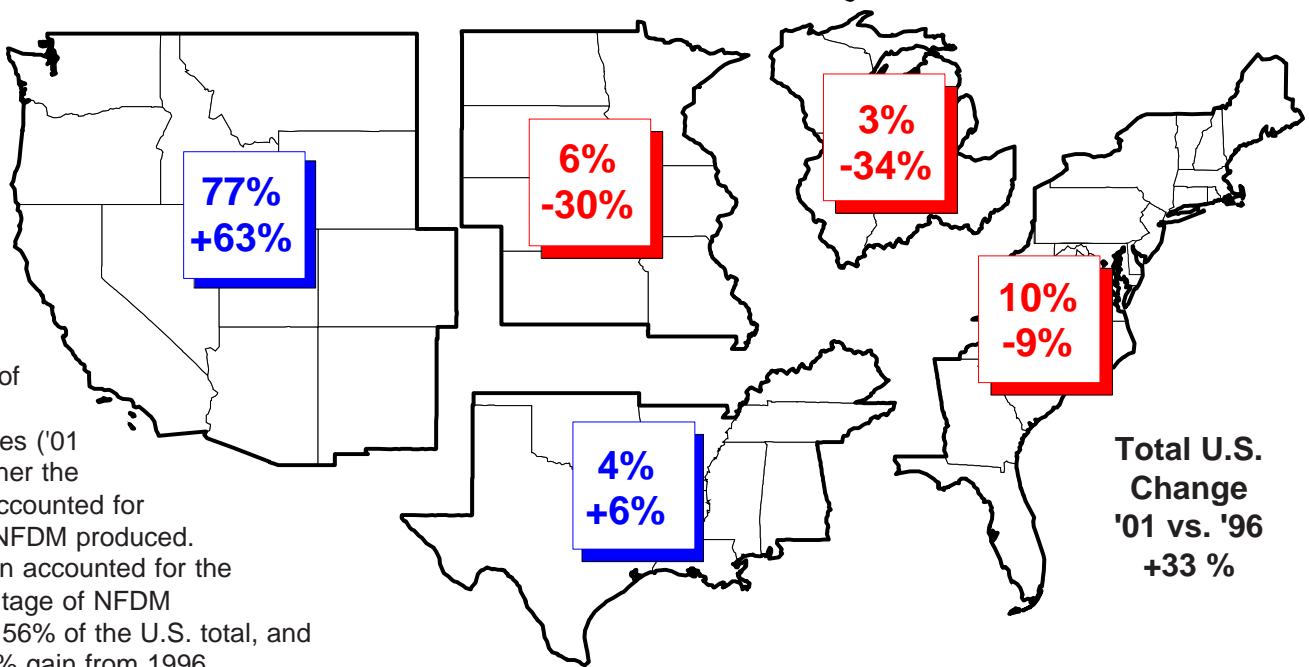
As A Percent Of Total Production

	Atlantic	East-North Central	West-North Central	South Central	West
1996	14.23	32.30	10.23	6.52	36.72
1997	12.75	33.29	10.25	5.92	37.79
1998	16.49	34.51	12.14	6.30	30.56
1999	13.47	27.39	10.09	8.98	40.07
2000	12.23	26.05	8.90	9.38	43.44
2001	11.69	29.77	8.55	8.94	41.05

Regional NFDM Production As A Percent Of 2001 Total U.S. NFDM Production With Percent Change In Production: 2001 vs 1996

Total U.S. nonfat dry milk production decreased 2.61% when comparing 2001 with 2000. NFDM production totaled 1.414 billion pounds during 2001.

As depicted by the map, three of the five regions posted decreases ('01 vs. '96). Together the three regions accounted for 19.34% of the NFDM produced. The West region accounted for the greatest percentage of NFDM produced at 76.56% of the U.S. total, and posted a 63.44% gain from 1996.



Total U.S. Nonfat Dry Milk Production By Region (Thousand Lbs.)

	Atlantic	East-North Central	West-North Central	South Central	West	Total
1996	161,811	73,501	109,444	54,710	662,305	1,061,771
1997	222,796	71,406	88,790	40,632	793,938	1,217,562
1998	192,045	56,961	87,151	59,034	740,192	1,135,383
1999	213,639	58,419	95,410	54,748	937,444	1,359,660
2000	153,642	57,205	97,360	75,209	1,068,335	1,451,751
2001	147,823	48,493	77,085	57,941	1,082,457	1,413,799

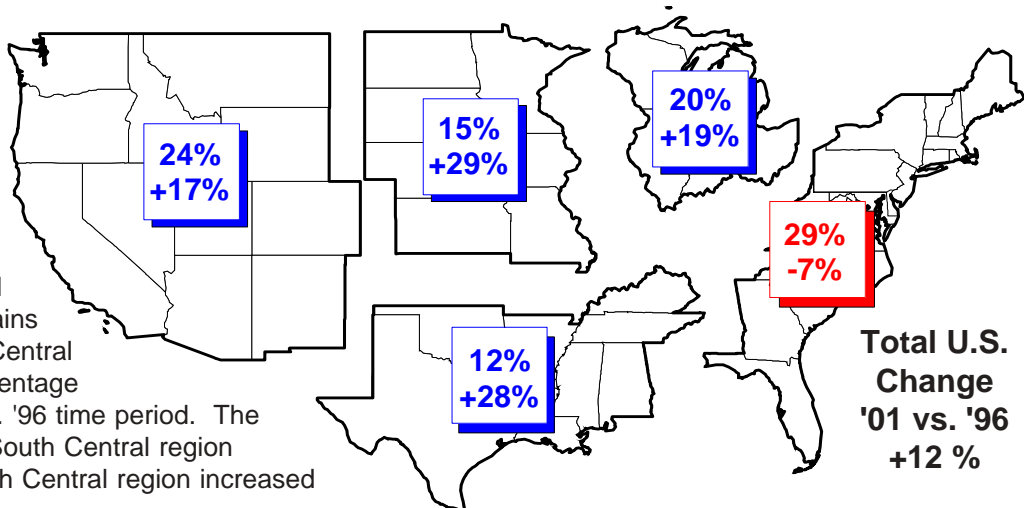
As A Percent Of Total Production

	Atlantic	East-North Central	West-North Central	South Central	West
1996	15.24	6.92	10.31	5.15	62.38
1997	18.30	5.86	7.29	3.34	65.21
1998	16.91	5.02	7.68	5.20	65.19
1999	15.71	4.29	7.02	4.03	68.95
2000	10.58	3.94	6.71	5.18	73.59
2001	10.46	3.43	5.45	4.10	76.56



Total U.S. ice cream production increased 11.67% when comparing 2001 with 1996. Ice cream production totaled 981.1 million gallons during 2001 up from 878.6 million gallons in 1996. As depicted by the map, four of the five regions noted increases ('01 vs. '96). The Atlantic region accounted for the largest percentage of ice cream produced (28.59%), but did note the only percentage decrease as a region. All four regions with increases posted gains greater than 15%. The West-North Central region accounted for the largest percentage increase (+29.29%) during the '01 vs. '96 time period. The West region increased 16.89%; the South Central region increased 27.72%; and the East-North Central region increased 18.71%.

Regional Ice Cream Production As A Percent Of 2001 Total U.S. Ice Cream Production With Percent Change In Production: 2001 vs 1996



Total U.S. Ice Cream Production By Region (Thousand Gallons)

	Atlantic	East-North Central	West-North Central	South Central	West	Total
1996	302,961	163,078	115,999	96,065	200,469	878,572
1997	299,804	178,966	122,009	98,374	206,437	905,590
1998	297,303	177,522	135,858	117,353	207,044	935,080
1999	312,524	174,479	124,702	130,022	230,483	972,210
2000	282,633	193,159	142,796	127,670	233,387	979,645
2001	280,553	193,586	149,975	122,696	234,321	981,131

As A Percent Of Total Production

	Atlantic	East-North Central	West-North Central	South Central	West
1996	34.48	18.56	13.20	10.94	22.82
1997	33.11	19.76	13.47	10.86	22.80
1998	31.80	18.98	14.53	12.55	22.14
1999	32.14	17.95	12.83	13.37	23.71
2000	28.85	19.72	14.58	13.03	23.82
2001	28.59	19.73	15.29	12.51	23.88



	Statistical Uniform Price		Producer Price Differential		Class I Utilization	
	3/2002	2/2002	3/2002	2/2002	3/2002	2/2002
Pacific Northwest	11.73	12.14	1.08	0.51	26.70	27.29
Western	11.56	12.09	0.91	0.46	23.69	17.35
Arizona-Las Vegas	11.91	12.46	-----	-----	28.54	30.80
Central	11.66	12.32	1.01	0.69	26.39	27.44
Southwest	12.77	13.28	2.12	1.65	39.03	41.59
Upper Midwest	11.25	12.04	0.60	0.41	18.95	19.76
Southeast	13.34	13.75	-----	-----	53.02	56.63
Mideast	11.93	12.46	1.28	0.83	34.93	34.90
Appalachian	13.60	14.04	-----	-----	59.11	65.71
Northeast	13.05	13.48	2.40	1.85	39.20	40.81
Florida	15.20	15.46	-----	-----	88.35	90.08

Total U.S. Milk Production
By Region (Million Lbs.)

	<u>Atlantic</u>	East-North <u>Central</u>	West-North <u>Central</u>	South <u>Central</u>	<u>West</u>	<u>Total</u>
1996	36,052	36,674	20,227	13,472	47,886	154,311
1997	36,354	36,660	19,902	12,942	50,622	156,480
1998	36,573	36,928	19,959	12,308	51,580	157,348
1999	37,100	37,180	20,257	12,094	56,085	162,716
2000	36,989	37,938	20,800	12,203	59,629	167,559
2001	36,284	36,953	19,536	11,248	61,314	165,335

As A Percent Of Total Production

	<u>Atlantic</u>	East-North <u>Central</u>	West-North <u>Central</u>	South <u>Central</u>	<u>West</u>
1996	23.36	23.77	13.11	8.73	31.03
1997	23.23	23.43	12.72	8.27	32.35
1998	23.24	23.47	12.69	7.82	32.78
1999	22.80	22.86	12.45	7.43	34.46
2000	22.08	22.64	12.41	7.28	35.59
2001	21.95	22.35	11.82	6.80	37.08

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