

Dairy

The average number of milk cows maintained by Arizona's dairy operations in 2009 decreased 9,000 head from a year ago to 177,000 head. Milk production per cow during 2009 was 23,028 pounds, down 1.5 percent from last year.

Milk production totaled 4.08 billion pounds in 2009, a decrease of 6 percent from 2008. Value of milk produced, at \$493 million dollars, was down 36 percent from the 2008 value. The average return per 100 pounds of milk in 2009 was \$12.10, down \$5.50 from 2008.

Milk Cows: Monthly and Annual Average Inventory

	2003	2004	2005	2006	2007	2008	2009
	-----1,000 Head-----						
January	155	155	165	171	175	185	189
February	155	155	164	171	175	185	189
March	155	155	164	172	179	186	189
April	155	155	164	172	182	186	188
May	155	155	163	172	182	186	184
June	155	155	162	173	182	186	176
July	155	158	163	173	181	185	171
August	155	163	164	174	181	185	171
September	155	165	165	174	182	185	167
October	155	167	166	175	184	186	166
November	155	168	167	175	185	188	168
December	155	166	169	175	185	190	167
Annual average	155	160	165	173	181	186	177

Milk: Monthly and Annual Average Produced per Cow

	2003	2004	2005	2006	2007	2008	2009
	-----Pounds-----						
January	2,020	2,010	1,975	2,045	2,030	2,020	1,985
February	1,895	1,960	1,840	1,940	1,930	1,960	1,865
March	2,140	2,120	2,080	2,190	2,195	2,190	2,110
April	2,110	2,090	2,060	2,145	2,090	2,145	2,055
May	2,140	2,095	2,085	2,155	2,105	2,165	2,055
June	1,980	1,955	1,950	1,955	1,965	1,950	1,940
July	1,825	1,810	1,855	1,775	1,875	1,815	1,800
August	1,670	1,710	1,740	1,645	1,760	1,755	1,790
September	1,665	1,660	1,685	1,620	1,705	1,710	1,690
October	1,750	1,785	1,785	1,720	1,850	1,835	1,840
November	1,795	1,760	1,785	1,750	1,830	1,840	1,840
December	1,920	1,905	1,895	1,915	1,925	1,980	2,005
Annual average 1/	22,916	22,788	22,679	22,855	23,260	23,382	23,028

1/ Numbers may not add due to rounding.

Milk: Monthly and Annual Average Production

	2003	2004	2005	2006	2007	2008	2009
	-----Million Pounds-----						
January	313	312	326	350	355	374	375
February	294	304	302	332	338	363	352
March	332	329	341	377	393	407	399
April	327	324	338	369	380	399	386
May	332	325	340	371	383	403	378
June	307	303	316	338	358	363	341
July	283	286	302	307	339	336	308
August	259	279	285	286	319	325	306
September	258	274	278	282	310	316	282
October	271	298	296	301	340	341	305
November	278	296	298	306	339	346	309
December	298	316	320	335	356	376	335
Annual average	3,552	3,646	3,742	3,954	4,210	4,349	4,076

Milk Production: Marketings and Income

	2003	2004	2005	2006	2007	2008	2009
Combined marketings of milk and cream							
Milk marketed (Million Pounds)	3,539	3,633	3,729	3,941	4,197	4,336	4,063
Average returns (Dollars)							
Per 100 pounds of milk	12.00	15.70	14.90	12.80	19.10	17.60	12.10
Per pound of milkfat	3.34	4.35	4.15	3.57	5.32	4.94	3.47
Cash receipts from marketings (1,000 Dollars)	424,680	570,381	555,621	504,448	801,627	763,136	491,623
Used for milk, cream & butter where produced							
Milk utilized (Million Pounds)	1	1	1	1	1	1	1
Value (1,000 Dollars)	120	157	149	128	191	176	121
Gross producer income (1,000 Dollars) 1/	424,800	570,538	555,770	504,576	801,818	763,312	491,744

1/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

Dairy: Milk Cows, Production of Milk and Milkfat, and Value

	2003	2004	2005	2006	2007	2008	2009
Milk cows (1,000 head) 1/	155	160	165	173	181	186	177
Production per milk cow (Pounds)							
Milk	22,916	22,788	22,679	22,855	23,260	23,382	23,028
Milkfat	823	823	814	820	835	832	804
Milkfat in all milk produced (Percent)	3.59	3.61	3.59	3.59	3.59	3.56	3.49
Total production (Million Pounds)							
Milk	3,552	3,646	3,742	3,954	4,210	4,349	4,076
Milkfat	127.5	131.6	134.3	141.9	151.1	154.8	142.3
Value of milk produced (1,000 Dollars) 2/	426,240	572,422	557,558	506,112	804,110	765,424	493,196

1/ Average number during year, excluding heifers not yet fresh.

2/ Value at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves.

Dairy Products

Arizona has 6 dairy plants manufacturing dairy products. Among the products are cheeses, sour cream, yogurt, ice cream, cottage cheese, nonfat dry milk, milk protein concentrate and more. We are unable to publish statistics specific to Arizona production without divulging individual plant information.

Nationally, total cheese production during 2009, excluding cottage cheeses, was 10.1 billion pounds, 2.0 percent above the 2008 production. Wisconsin was the leading State with 26.0 percent of the production.

Butter production in the United States during 2009 totaled 1.57 billion pounds, 4.3 percent below 2008. California was the leading State in butter production and accounted for 33.1 percent of the production.

Dry milk powders: (2009 U.S. production, comparisons with 2008) Nonfat dry milk, human --- 1.51 billion pounds, down 0.7 percent. Skim milk powders --- 222 million pounds, down 40.6 percent.

Whey products: (2009 U.S. production, comparisons with 2008) Dry whey, total --- 1.00 billion pounds, down 7.5 percent. Lactose, human and animal --- 723 million pounds, down 3.1 percent. Whey protein concentrate, total --- 415 million pounds, down 6.3 percent.

Frozen products: (2009 U.S. production, comparisons with 2008) Ice cream, Regular (total) --- 920 million gallons, down 1.1 percent. Ice cream, Lowfat (total) --- 381 million gallons, down 0.6 percent. Sherbet (total) --- 53.1 million gallons, down 8.0 percent. Frozen Yogurt (total) --- 74.4 million gallons, down 5.3 percent.