

## Dairy

The average number of milk cows maintained by Arizona's dairy operations in 2010 remained the same from a year ago at 177,000 head. Milk production per cow during 2010 was a record high 23,441 pounds, up 1.8 percent from last year.

Milk production totaled 4.15 billion pounds in 2010, an increase of 1.8 percent from 2009. Value of milk produced, at \$660 million dollars, was up 34 percent from the 2009 value. The average return per 100 pounds of milk in 2010 was \$15.90, up \$3.80 from 2009.

### Milk Cows: Monthly and Annual Average Inventory

	2004	2005	2006	2007	2008	2009	2010
	-----1,000 Head-----						
January	155	165	171	175	185	189	169
February	155	164	171	175	185	189	170
March	155	164	172	179	186	189	170
April	155	164	172	182	186	188	171
May	155	163	172	182	186	184	173
June	155	162	173	182	186	176	176
July	158	163	173	181	185	171	179
August	163	164	174	181	185	171	180
September	165	165	174	182	185	167	182
October	167	166	175	184	186	166	183
November	168	167	175	185	188	168	183
December	166	169	175	185	190	167	184
Annual average	160	165	173	181	186	177	177

### Milk: Monthly and Annual Average Produced per Cow

	2004	2005	2006	2007	2008	2009	2010
	-----Pounds-----						
January	2,010	1,975	2,045	2,030	2,020	1,985	2,055
February	1,960	1,840	1,940	1,930	1,960	1,865	1,940
March	2,120	2,080	2,190	2,195	2,190	2,110	2,180
April	2,090	2,060	2,145	2,090	2,145	2,055	2,145
May	2,095	2,085	2,155	2,105	2,165	2,055	2,160
June	1,955	1,950	1,955	1,965	1,950	1,940	2,025
July	1,810	1,855	1,775	1,875	1,815	1,800	1,870
August	1,710	1,740	1,645	1,760	1,755	1,790	1,765
September	1,660	1,685	1,620	1,705	1,710	1,690	1,750
October	1,785	1,785	1,720	1,850	1,835	1,840	1,825
November	1,760	1,785	1,750	1,830	1,840	1,840	1,835
December	1,905	1,895	1,915	1,925	1,980	2,005	1,970
Annual average 1/	22,788	22,679	22,855	23,260	23,382	23,028	23,441

1/ Numbers may not add due to rounding.

### Milk: Monthly and Annual Average Production

	2004	2005	2006	2007	2008	2009	2010
	-----Million Pounds-----						
January	312	326	350	355	374	375	347
February	304	302	332	338	363	352	330
March	329	341	377	393	407	399	371
April	324	338	369	380	399	386	367
May	325	340	371	383	403	378	374
June	303	316	338	358	363	341	356
July	286	302	307	339	336	308	335
August	279	285	286	319	325	306	318
September	274	278	282	310	316	282	319
October	298	296	301	340	341	305	334
November	296	298	306	339	346	309	336
December	316	320	335	356	376	335	362
Annual average	3,646	3,742	3,954	4,210	4,349	4,076	4,149

## Milk Production: Marketings and Income

	2004	2005	2006	2007	2008	2009	2010
<b>Combined marketings of milk and cream</b>							
Milk marketed (Million Pounds)	3,633	3,729	3,941	4,197	4,336	4,063	4,136
<b>Average returns (Dollars)</b>							
Per 100 pounds of milk	15.70	14.90	12.80	19.10	17.60	12.10	15.90
Per pound of milkfat	4.35	4.15	3.57	5.32	4.94	3.47	4.54
Cash receipts from marketings (1,000 Dollars)	570,381	555,621	504,448	801,627	763,136	491,623	657,624
<b>Used for milk, cream &amp; butter where produced</b>							
Milk utilized (Million Pounds)	1	1	1	1	1	1	1
Value (1,000 Dollars)	157	149	128	191	176	121	159
Gross producer income (1,000 Dollars) 1/	570,538	555,770	504,576	801,818	763,312	491,744	657,783

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

	2004	2005	2006	2007	2008	2009	2010
Milk cows (1,000 head) 1/	160	165	173	181	186	177	177
<b>Production per milk cow (Pounds)</b>							
Milk	22,788	22,679	22,855	23,260	23,382	23,028	23,441
Milkfat	823	814	820	835	832	804	820
Milkfat in all milk produced (Percent)	3.61	3.59	3.59	3.59	3.56	3.49	3.50
<b>Total production (Million Pounds)</b>							
Milk	3,646	3,742	3,954	4,210	4,349	4,076	4,149
Milkfat	131.6	134.3	141.9	151.1	154.8	142.3	145.2
Value of milk produced (1,000 Dollars) 2/	572,422	557,558	506,112	804,110	765,424	493,196	659,691

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 2010, excluding cottage cheeses, was 10.4 billion pounds, 3.6 percent above the 2009 production. Wisconsin was the leading State with 25.0 percent of the production.

Butter production in the United States during 2010 totaled 1.56 billion pounds, 0.5 percent below 2009. California accounted for 35.6 percent of the production.

Dry milk powders: (2010 U.S. production, comparisons with 2009) Nonfat dry milk, human - 1.56 billion pounds, up 3.4 percent. Skim milk powders - 254 million pounds, up 14.4 percent.

Whey products: (2010 U.S. production, comparisons with 2009) Dry whey, total - 1.01 billion pounds, up 1.2 percent. Lactose, human and animal - 907 million pounds, up 25.6 percent. Whey protein concentrate - 428 million pounds, up 3.1 percent.

Frozen products: (2010 U.S. production, comparisons with 2009) Ice cream, Regular (total) - 912 million gallons, down 0.6 percent. Ice cream, Lowfat (total) - 380 million gallons, down 4.9 percent. Sherbet (total) - 49.3 million gallons, down 7.5 percent.