

Dairy

The average number of milk cows maintained by Arizona's dairy operations in 2011 increased to 188,000 head. Milk production per cow during 2011 was a record high 23,468 pounds, up slightly from last year.

Milk production totaled 4.41 billion pounds in 2011, an increase of 6.3 percent from 2010. Value of milk produced, at a record high \$874 million dollars, was up 32 percent from the 2010 value. The average return per 100 pounds of milk in 2011 was \$19.80, up \$3.90 from 2010.

Milk Cows: Monthly and Annual Average Inventory

	2005	2006	2007	2008	2009	2010	2011
	-----1,000 Head-----						
January	165	171	175	185	189	169	185
February	164	171	175	185	189	170	185
March	164	172	179	186	189	170	187
April	164	172	182	186	188	171	187
May	163	172	182	186	184	173	186
June	162	173	182	186	176	176	186
July	163	173	181	185	171	179	186
August	164	174	181	185	171	180	187
September	165	174	182	185	167	182	189
October	166	175	184	186	166	183	192
November	167	175	185	188	168	183	192
December	169	175	185	190	167	184	191
Annual average	165	173	181	186	177	177	188

Milk: Monthly and Annual Average Produced per Cow

	2005	2006	2007	2008	2009	2010	2011
	-----Pounds-----						
January	1,975	2,045	2,030	2,020	1,985	2,055	2,015
February	1,840	1,940	1,930	1,960	1,865	1,940	1,915
March	2,080	2,190	2,195	2,190	2,110	2,180	2,180
April	2,060	2,145	2,090	2,145	2,055	2,145	2,125
May	2,085	2,155	2,105	2,165	2,055	2,160	2,140
June	1,950	1,955	1,965	1,950	1,940	2,025	1,980
July	1,855	1,775	1,875	1,815	1,800	1,870	1,885
August	1,740	1,645	1,760	1,755	1,790	1,765	1,815
September	1,685	1,620	1,705	1,710	1,690	1,750	1,765
October	1,785	1,720	1,850	1,835	1,840	1,825	1,865
November	1,785	1,750	1,830	1,840	1,840	1,835	1,855
December	1,895	1,915	1,925	1,980	2,005	1,970	1,970
Annual average 1/	22,679	22,855	23,260	23,382	23,028	23,441	23,468

1/ Numbers may not add due to rounding.

Milk: Monthly and Annual Average Production

	2005	2006	2007	2008	2009	2010	2011
	-----Million Pounds-----						
January	326	350	355	374	375	347	373
February	302	332	338	363	352	330	354
March	341	377	393	407	399	371	408
April	338	369	380	399	386	367	397
May	340	371	383	403	378	374	398
June	316	338	358	363	341	356	368
July	302	307	339	336	308	335	351
August	285	286	319	325	306	318	339
September	278	282	310	316	282	319	334
October	296	301	340	341	305	334	358
November	298	306	339	346	309	336	356
December	320	335	356	376	335	362	376
Annual average	3,742	3,954	4,210	4,349	4,076	4,149	4,412

Milk Production: Marketings and Income

	2005	2006	2007	2008	2009	2010	2011
Combined marketings of milk and cream							
Milk marketed (Million Pounds)	3,729	3,941	4,197	4,336	4,063	4,136	4,399
Average returns (Dollars)							
Per 100 pounds of milk	14.90	12.80	19.10	17.60	12.10	15.90	19.80
Per pound of milkfat	4.15	3.57	5.32	4.94	3.47	4.54	3.55
Cash receipts from marketings (1,000 Dollars)	555,621	504,448	801,627	763,136	491,623	657,624	871,002
Used for milk, cream & butter where produced							
Milk utilized (Million Pounds)	1	1	1	1	1	1	1
Value (1,000 Dollars)	149	128	191	176	121	159	198
Gross producer income (1,000 Dollars) 1/	555,770	504,576	801,818	763,312	491,744	657,783	871,200

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

	2005	2006	2007	2008	2009	2010	2011
Milk cows (1,000 head) 1/	165	173	181	186	177	177	188
Production per milk cow (Pounds)							
Milk	22,679	22,855	23,260	23,382	23,028	23,441	23,468
Milkfat	814	820	835	832	804	820	833
Milkfat in all milk produced (Percent)	3.59	3.59	3.59	3.56	3.49	3.50	3.55
Total production (Million Pounds)							
Milk	3,742	3,954	4,210	4,349	4,076	4,149	4,412
Milkfat	134.3	141.9	151.1	154.8	142.3	145.2	156.6
Value of milk produced (1,000 Dollars) 2/	557,558	506,112	804,110	765,424	493,196	659,691	873,576

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, excluding cottage cheeses, was 10.6 billion pounds, 1.5 percent above 2010 production. Wisconsin was the leading State with 24.9 percent of the production.

American type cheese production was 4.27 billion pounds, 0.5 percent below 2010 and accounted for 40.3 percent of total cheese in 2011. Wisconsin was the leading State in American type cheese production with 18.6 percent of the production.

Butter production in the United States during 2011 totaled 1.81 billion pounds, 15.7 percent above 2010. California accounted for 34.4 percent of the production.

Dry milk powders (2011 United States production, comparisons with 2010) Nonfat dry milk, human - 1.51 billion pounds, down 3.1 percent. Skim milk powders - 446 million pounds, up 75.7 percent.

Whey products (2011 United States production, comparisons with 2010) Dry whey, total - 1.01 billion pounds, down slightly. Lactose, human and animal - 1.00 billion pounds, up 10.1 percent. Whey protein concentrate, total - 431 million pounds, up 0.7 percent. Frozen products (2011 United States production, comparisons with 2010) Ice cream, Regular (total) - 900 million gallons, down 3.1 percent. Ice cream, Lowfat (total) - 440 million gallons, up 5.8 percent. Sherbet (total) - 45.0 million gallons, down 8.7 percent. Frozen Yogurt (total) - 60.7 million gallons, up 21.2 percent.