

# Dairy, 2003

By Mark A. Linstedt

**Milk Production Down 4.1 Percent:** Pennsylvania's milk production for 2003 was 10.34 billion pounds, 437 million pounds less than 2002 production. Monthly milk production during 2003 was lower than monthly production in every month of 2002. The 2003 average milk production per cow was 17,979 pounds for the year, 440 pounds less than 2002's production of 18,419 pounds per cow.

Pennsylvania remained fourth in the nation's ranking in milk production, producing 6.1 percent of the nation's milk. California was first with 20.8 percent of the U.S. production, followed by Wisconsin and New York, respectively.

The number of milk cows in the State averaged 575,000 head in 2003, 10,000 less than in 2002. The number of commercial dairy farms for 2003 is estimated at 9,100, down 100 from 2002. Commercial dairy farms are defined as farms with 10 or more milk cows in operation during the year.

**Milk Disposition & Income:** Gross income from marketings of Pennsylvania milk during 2003 totaled 1.45 billion dollars, down 2.7 percent from 2002. Marketings totaled 10.33 billion pounds in 2003, 3.9 percent less than in 2002. Returns from both wholesale and retail sales in 2003 averaged \$14.00 per hundred pounds of milk, compared with \$13.80 per hundred pounds in 2002.

An estimated 11 million pounds of milk were used on farms where produced. Calves in the Commonwealth were fed 10 millions pounds of milk, while 1 million pounds were used by producer's households as fluid milk, cream and butter.

**Production Costs:** Costs of producing milk in Pennsylvania averaged \$13.46 per hundred pounds of milk during 2003, compared with \$13.14 during 2002. This estimated cost of producing milk does not include any returns (costs) for management or equity capital, or changes in inventory values of capital items, but does include a return to operator and family labor.

Pennsylvania: Cost of Producing Milk, Selected Items & Total, By Months, 2003

Month	Purchased Feed	Fertilizer & Lime	Fuels & Lubricants	Dairy Animals Purchased	Hauling	Interest	Depreciation	Value Family Labor	Hired Labor	Other	Total
<i>Dollars Per Cwt. of Milk Shipped</i>											
January	3.469	0.097	0.224	0.363	0.658	0.302	0.600	1.759	1.055	4.576	13.10
February	3.386	0.127	0.225	0.283	0.655	0.297	0.591	2.044	0.908	4.510	13.03
March	3.478	0.223	0.302	0.105	0.635	0.310	0.617	1.942	1.012	4.707	13.33
April	3.318	0.467	0.319	0.150	0.626	0.309	0.615	1.887	0.855	4.693	13.24
May	3.457	0.920	0.387	0.124	0.619	0.281	0.559	2.128	0.976	4.747	14.20
June	3.262	0.747	0.359	0.142	0.655	0.277	0.552	2.127	0.924	4.685	13.73
July	3.439	0.359	0.355	0.081	0.666	0.272	0.541	1.864	1.031	4.588	13.20
August	3.524	0.156	0.334	0.217	0.637	0.276	0.549	2.077	1.051	4.657	13.48
September	3.825	0.070	0.339	0.139	0.692	0.270	0.537	1.535	1.355	4.562	13.32
October	3.681	0.112	0.403	0.281	0.649	0.275	0.547	1.950	0.970	4.643	13.51
November	3.553	0.118	0.333	0.316	0.624	0.271	0.538	1.930	1.042	4.571	13.30
December	3.902	0.300	0.307	0.116	0.639	0.283	0.563	2.127	1.023	4.782	14.04
<b>Average</b>	<b>3.524</b>	<b>0.308</b>	<b>0.324</b>	<b>0.193</b>	<b>0.646</b>	<b>0.285</b>	<b>0.567</b>	<b>1.948</b>	<b>1.017</b>	<b>4.643</b>	<b>13.46</b>
% of Total	26.2	2.3	2.4	1.4	4.8	2.1	4.2	14.5	7.6	34.5	100.0

## Annual Milk Production Per Cow PA, U.S. & 20 States, 1975-2003

