

## Pennsylvania and Capital Region Dairy Statistics Last Update: May 1, 2007

### Pennsylvania Dairy Herd Structure:

| Herd Size                 | Number of Herds | Percent of Herds | Percent of PA Cows | Percent of PA Milk |
|---------------------------|-----------------|------------------|--------------------|--------------------|
| Less than 50 cows         | 4400            | 51.2%            | 21%                | 19%                |
| 50 to 99 cows             | 3000            | 34.8%            | 35%                | 34%                |
| 100 to 199 cows           | 960             | 11.1%            | 22%                | 22%                |
| 200 to 499 cows           | 280             | 3.2%             | 14%                | 15%                |
| More than 500 cows        | 60              | 0.7%             | 8%                 | 15%                |
| <b>Pennsylvania Total</b> | <b>8610</b>     |                  |                    |                    |

Pennsylvania is top in the U.S. for percentage of smaller dairy herds

Pennsylvania is 2<sup>nd</sup> in the U.S. for number of dairy herds (Wisconsin: 14,642 herds)

Pennsylvania is 4<sup>th</sup> in the U.S. for number of cows (California, Wisconsin, New York are 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, respectively)

Average herd size is estimated based on milk production and # of herds = **65 cows per herd**

### Pennsylvania Milk Production:

| Year                         | Total Milk Production |
|------------------------------|-----------------------|
| 2005                         | 10,503,000,000 lbs.   |
| 2006                         | 10,742,000,000 lbs.   |
| 1 Year Change (2005 to 2006) | 2.3% increase         |
| 5 Year Change (2001 to 2006) | 1% decrease           |

Pennsylvania is 5<sup>th</sup> in U.S. milk production (California, Wisconsin, New York, and Idaho are 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup>, respectively)

### Pennsylvania Cow and Herd Measures:

| Measure                             | Pennsylvania        | U.S. Ranking                           |
|-------------------------------------|---------------------|--|
| <b>Total Cows</b>                   |                     |  |
| 2006                                | 554,000 cows        | 4 <sup>th</sup>                        |
| 2005                                | 561,000 cows        | 4 <sup>th</sup>                        |
| Percent Change – 1 Year             | 1.2% decrease       | ---                                    |
| Percent Change – 5 Year             | 7.5% decrease       | ---                                    |
| <b>Total Herds (2006)</b>           | 8610 herds          | 2 <sup>nd</sup>                        |
| <b>Milk (lbs.) per Cow per Year</b> |                     |  |
| 2006                                | 19,390 lbs.         | <i>This is a huge opportunity area</i> |
| 2005                                | 18,722 lbs.         |  |
| Percent Change – 1 Year             | 668 lbs increase    |  |
| Percent Change – 5 Year             | 1,278 lbs. increase |  |

Pennsylvania is not in the first 10 states for milk produced per cow

Source: USDA National Ag Statistics (2005) and Northeast Dairy Business Magazine (2006 Modifications)

<sup>a</sup> Market Administrator's Annual Statistical Bulletin – Northeast Milk Marketing Area (2006)

## Milk Value and Herd Measures for Northeast Milk Marketing Area <sup>a</sup>:

Northeast Milk Marketing Area Receipts of Milk and Component Measures from Producers for Pennsylvania, New York, and Total Northeast Milk Marketing Area, 2006

| Measure  | Pennsylvania      | New York    |
|--|-------------------|-------------|
| Annual Milk Receipts - pounds                                    | 7.6 billion       | 9.6 billion |
| % of Total Receipts (Northeast)                                  | 33.8%             | 42.4%       |
| Average Milk Price (Northeast Statistical Uniform Price per cwt) | \$13.54           |             |
| \$ Value Milk (2006)   | \$1.04 billion    |             |
| All States in Northeast Milk Marketing Area                      | 22.6 billion lbs. |             |
| # of Herds   | 6,068 herds       | 5,347 herds |
| % of Northeast Milk Marketing Area                               | 43%               | 37%         |
| Daily Milk (lbs.) Output per Farm                                | 3,456 lbs.        | 4,923 lbs.  |
| Average Milk Fat Test  | 3.69%             | 3.69%       |
| Average Protein Test   | 3.10%             | 3.02%       |
| Other Solids   | 5.67%             | 5.68%       |

### Producer Monthly Receipts by Select PA Counties (Extended Capital Region) and State

| County              | # Producers (Herds) | % of State Herds | Annual Volume Milk (lbs.) | Estimated Milk Per Herd | % of State Milk | \$ Value Milk       |
|---------------------|---------------------|------------------|---------------------------|-------------------------|-----------------|---------------------|
| Adams               | 53                  | 0.9%             | 90,130,000                | 1,700,566               | 1.2%            | \$12.2 mil.         |
| Berks               | 254                 | 4.2%             | 394,600,000               | 1,553,543               | 5.2%            | \$53.4 mil.         |
| Chester             | 308                 | 5.2%             | 401,446,000               | 1,303,396               | 5.2%            | \$54.3 mil.         |
| Cumberland          | 182                 | 3.0%             | 262,186,000               | 1,440,582               | 3.4%            | \$35.5 mil.         |
| Dauphin             | 78                  | 1.3%             | 89,076,000                | 1,142,000               | 1.2%            | \$12.1 mil.         |
| Franklin            | 379                 | 6.3%             | 705,395,000               | 1,861,200               | 9.2%            | \$95.5 mil.         |
| Fulton              | 45                  | 0.8%             | 68,166,000                | 1,514,800               | 0.9%            | \$9.2 mil.          |
| Lancaster           | 1,865               | 31.2%            | 2,118,558,000             | 1,135,956               | 27.7%           | \$286 mil.          |
| Lebanon             | 281                 | 4.7%             | 486,940,000               | 1,732,882               | 6.4%            | \$65 mil.           |
| Perry               | 104                 | 1.7%             | 166,599,000               | 1,601,913               | 2.2%            | \$22.6 mil.         |
| York                | 111                 | 1.9%             | 138,107,000               | 1,244,207               | 1.8%            | \$18.7 mil.         |
| <b>Region</b>       | <b>3660</b>         | <b>61.2%</b>     | <b>4,921,203,000</b>      |                         | <b>64.3%</b>    | <b>\$666.3 mil.</b> |
| <b>Pennsylvania</b> | <b>5978</b>         | <b>---</b>       | <b>7,658,070,000</b>      | <b>1,281,042</b>        | <b>---</b>      | <b>1.03 bil.</b>    |

\* Note this would not include PDA registered producers selling raw milk or products or Grade B producers

Prepared By: Pennsylvania Cooperative Extension – Capital Region Dairy Team

The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status. Discrimination or harassment against faculty, staff, or students will not be tolerated at The Pennsylvania State University. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Director, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901; Tel 814-865-4700/V, 814-863-1150/TTY.

Source: USDA National Ag Statistics (2005) and Northeast Dairy Business Magazine (2006 Modifications)

<sup>a</sup> Market Administrator's Annual Statistical Bulletin – Northeast Milk Marketing Area (2006)