

|    |           | A                         | B                                 | C                          | D   | E   | F                            | G                         | H   | I  | K                    | L               | M                               | N                                   |
|----|-----------|---------------------------|-----------------------------------|----------------------------|---|---|------------------------------|---------------------------|---|--|----------------------|-----------------|---------------------------------|-------------------------------------|
|    | Month     | All Milk Cows Monthly Avg | PA Monthly Production million lbs | % U.S. Milk Produced in PA | Calculated Rolling 12 month production in Billion lbs | Calculated Milk per Cow per Day 1/ pounds | Wholesale Milk Price dollars | PA Daily Feed Cost CWT ** | Income over Feed Cost / cow @ 75 Lbs.Milk | 75 lb Milk Margin (IOFC @ 100 Lbs. Milk) dollars | Rolling Milk average | Total Componets | %herds with component over 1650 | %Herds with 80+ lbs per cow per day |
| 1  | Cg Lst Yr | -0.2%                     | -1.9%                             | -1.8%                      | -0.2%   | -1.7%                                     | -30.3%                       | 3.2%                      | -46.7%                                    | -30.3%   | 1.0%                 | 2.0%            | 9.3%                            | 20.4%                               |
| 2  | Cg Lst Mn | 0.0%                      | -6.0%                             | -1.2%                      | -0.2%   | -2.9%                                     | -6.3%                        | -3.0%                     | -9.3%                                     | -6.3%  | 0.2%                 | 0.4%            | 1.0%                            | -4.7%                               |
| 3  | Jun-23    | 466,000                   | 825                               | 4.4%                       | 9.998   | 67.8                                      | \$19.30                      | \$9.36                    | \$7.45                                    | \$14.48  | 23,228               | 1,665           | 60.5%                           | 42.4%                               |
| 4  | May-23    | 466,000                   | 878                               | 4.4%                       | 10.014  | 69.9                                      | \$20.60                      | \$9.65                    | \$8.21                                    | \$15.45  | 23,177               | 1,658           | 59.9%                           | 44.5%                               |
| 5  | Apr-23    | 466,000                   | 855                               | 4.4%                       | 10.019  | 70.3                                      | \$21.10                      | \$9.50                    | \$8.70                                    | \$15.83  | 23,180               | 1,657           | 59.4%                           | 46.4%                               |
| 6  | Mar-23    | 466,000                   | 871                               | 4.4%                       | 10.019  | 69.3                                      | \$21.70                      | \$9.67                    | \$9.02                                    | \$16.28  | 23,267               | 1,662           | 60.0%                           | 44.2%                               |
| 7  | Feb-23    | 466,000                   | 781                               | 4.4%                       | 10.021  | 68.8                                      | \$22.70                      | \$9.38                    | \$9.99                                    | \$17.03  | 23,135               | 1,651           | 57.9%                           | 42.5%                               |
| 8  | Jan-23    | 466,000                   | 848                               | 4.4%                       | 10.022  | 67.5                                      | \$23.90                      | \$9.61                    | \$10.71                                   | \$17.93  | 23,162               | 1,653           | 58.3%                           | 38.6%                               |
| 9  | Dec-22    | 465,000                   | 835                               | 4.4%                       | 10.021  | 66.6                                      | \$25.50                      | \$9.45                    | \$12.04                                   | \$19.13  | 23,083               | 1,645           | 56.9%                           | 32.9%                               |
| 10 | Nov-22    | 467,000                   | 801                               | 4.4%                       | 10.020  | 65.7                                      | \$26.60                      | \$9.25                    | \$13.01                                   | \$19.95  | 23,091               | 1,644           | 57.3%                           | 28.7%                               |
| 11 | Oct-22    | 468,000                   | 826                               | 4.4%                       | 10.020  | 65.4                                      | \$26.90                      | \$9.21                    | \$13.26                                   | \$20.18  | 23,050               | 1,640           | 56.2%                           | 26.9%                               |
| 12 | Sep-22    | 468,000                   | 798                               | 4.4%                       | 10.012  | 65.3                                      | \$26.10                      | \$9.25                    | \$12.63                                   | \$19.58  | 22,999               | 1,634           | 55.8%                           | 26.8%                               |
| 13 | Aug-22    | 468,000                   | 835                               | 4.4%                       | 10.013  | 66.2                                      | \$26.20                      | \$9.38                    | \$12.61                                   | \$19.65  | 22,988               | 1,634           | 55.2%                           | 27.7%                               |
| 14 | Jul-22    | 467,000                   | 845                               | 4.4%                       | 10.009  | 67.1                                      | \$26.80                      | \$9.81                    | \$12.74                                   | \$20.10  | 22,979               | 1,631           | 55.5%                           | 31.4%                               |
| 15 | Jun-22    | 467,000                   | 841                               | 4.4%                       | 10.017  | 69.0                                      | \$27.70                      | \$9.07                    | \$13.98                                   | \$20.78  | 22,995               | 1,632           | 55.3%                           | 35.2%                               |
| 16 | May-22    | 467,000                   | 883                               | 4.5%                       | 10.022  | 70.1                                      | \$27.30                      | \$9.34                    | \$13.47                                   | \$20.48  | 22,961               | 1,630           | 54.2%                           | 39.6%                               |
| 17 | Apr-22    | 467,000                   | 855                               | 4.5%                       | 10.032  | 70.1                                      | \$27.50                      | \$8.97                    | \$13.90                                   | \$18.80  | 22,993               | 1,630           | 54.8%                           | 42.2%                               |
| 18 | Mar-22    | 467,000                   | 873                               | 4.4%                       | 10.051  | 69.3                                      | \$26.40                      | \$8.59                    | \$13.76                                   | \$17.81  | 23,039               | 1,634           | 54.3%                           | 39.5%                               |
| 19 | Feb-22    | 468,000                   | 782                               | 4.5%                       | 10.071  | 68.6                                      | \$25.70                      | \$8.61                    | \$12.82                                   | \$17.09  | 23,153               | 1,639           | 55.2%                           | 38.3%                               |
| 20 | Jan-22    | 468,000                   | 847                               | 4.4%                       | 10.087  | 67.1                                      | \$24.80                      | \$8.42                    | \$12.28                                   | \$16.38  | 23,179               | 1,640           | 55.0%                           | 32.7%                               |
| 21 | Dec-21    | 470,000                   | 834                               | 4.4%                       | 10.114  | 65.8                                      | \$22.30                      | \$8.51                    | \$10.34                                   | \$13.79  | 23,207               | 1,642           | 55.7%                           | 28.9%                               |
| 22 | Nov-21    | 472,000                   | 801                               | 4.4%                       | 10.136  | 65.0                                      | \$21.50                      | \$8.02                    | \$10.11                                   | \$13.48  | 23,137               | 1,637           | 55.0%                           | 24.7%                               |
| 23 | Oct-21    | 470,000                   | 818                               | 4.4%                       | 10.164  | 64.5                                      | \$19.90                      | \$7.64                    | \$9.19                                    | \$12.26  | 23,280               | 1,646           | 56.7%                           | 24.0%                               |
| 24 | Sep-21    | 473,000                   | 799                               | 4.4%                       | 10.194  | 64.7                                      | \$19.00                      | \$7.93                    | \$8.30                                    | \$11.07  | 23,212               | 1,643           | 56.1%                           | 23.3%                               |
| 25 | Aug-21    | 475,000                   | 831                               | 4.4%                       | 10.210  | 64.9                                      | \$18.40                      | \$8.58                    | \$7.36                                    | \$9.82   | 23,232               | 1,644           | 56.3%                           | 27.4%                               |
| 26 | Jul-21    | 475,000                   | 853                               | 4.5%                       | 10.220  | 66.6                                      | \$18.50                      | \$8.46                    | \$7.53                                    | \$10.04  | 23,166               | 1,640           | 55.6%                           | 28.5%                               |
| 27 | Jun-21    | 475,000                   | 846                               | 4.5%                       | 10.232  | 68.2                                      | \$19.10                      | \$8.90                    | \$7.65                                    | \$10.20  | 23,085               | 1,632           | 54.6%                           | 34.7%                               |
| 28 | Jun-20    | 482,000                   | 856                               | 4.6%                       | 10.188  | 68.0                                      | \$16.30                      | \$6.86                    | \$7.05                                    | \$9.44   | 22,237               | 1,555           | 40.2%                           | 31.0%                               |
| 29 | Jun-19    | 490,000                   | 838                               | 4.6%                       | 10.300  | 65.5                                      | \$18.80                      | \$7.28                    | \$8.64                                    | \$11.52  | 21,880               | 1,515           | 31.4%                           | 20.7%                               |

Source: USDA, NASS [www.nass.usda.gov](http://www.nass.usda.gov)

Source: Penn State

\*1/ Milk/cow/day calculation uses an approximation that 87% of all cows are in milk while the rest are dry.

\*\* PA Daily Feed Costs = Corn, Soybean, and Hay at 75 lbs/milk production

\*\*\* IOFC (\$/cow/day) = Pmilk/100\*75 - Daily Feed Cost for 75 lbs of milk

\*\*\*\* Milk Margin (\$/cwt) = Pmilk - (Daily Feed Cost for 75 lbs of milk)/75\*100



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CENTER FOR  
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# Pennsylvania Dairy Scorecard, PA Center for Dairy Excellence

Jul-23

|    | O         | P                  | Q                             | R                    | S                         | T                              | U                           | V                                 | W                           | X                                     | Y                          | Z   | AA                  | AB                                |
|----|-----------|--------------------|-------------------------------|----------------------|---------------------------|--------------------------------|-----------------------------|-----------------------------------|-----------------------------|---------------------------------------|----------------------------|---|---------------------|-----------------------------------|
|    | Month     | Average Actual SCC | % Herds less than 200,000 SCC | Average Days in Milk | % Herds DIM less than 185 | Average Current Pregnancy Rate | %Herds Pregnancy Rate > 20% | % Herds Pregnancy Rate > or = 29% | Average Days to 1st Service | % Herds with days to 1st service < 80 | Average age at 1st calving | %Herds with age at 1st calving 21-24 months | Average % left herd | % of herds with % left herd 20-35 |
| 1  | Cg Lst Yr | -9.3%              | 8.4%                          | -0.7%                | 8.2%                      | 0.9%                           | 2.7%                        | 19.9%                             | 2.1%                        | -6.6%                                 | -0.1%                      | -2.9%                                       | -4.2%               | 11.9%                             |
| 2  | Cg Lst Mn | 3.2%               | -6.5%                         | 0.8%                 | -3.2%                     | 3.9%                           | 16.8%                       | 30.3%                             | -1.1%                       | -0.9%                                 | -0.2%                      | 0.4%  | 0.0%                | 1.3%                              |
| 3  | Jun-23    | 191,470            | 61.2%                         | 187                  | 53.2%                     | 17.4%                          | 31.5%                       | 5.2%                              | 87                          | 39.4%                                 | 25.1                       | 46.7%                                       | 37.3%               | 45.5%                             |
| 4  | May-23    | 185,620            | 65.5%                         | 185                  | 54.9%                     | 16.8%                          | 27.0%                       | 4.0%                              | 88                          | 39.7%                                 | 25.1                       | 46.5%                                       | 37.3%               | 44.9%                             |
| 5  | Apr-23    | 180,210            | 66.2%                         | 180                  | 64.3%                     | 16.4%                          | 25.9%                       | 4.0%                              | 87                          | 41.3%                                 | 25.1                       | 46.8%                                       | 37.4%               | 45.5%                             |
| 6  | Mar-23    | 179,470            | 67.9%                         | 177                  | 69.6%                     | 16.1%                          | 24.2%                       | 3.2%                              | 87                          | 41.3%                                 | 25.1                       | 46.9%                                       | 37.3%               | 45.0%                             |
| 7  | Feb-23    | 183,890            | 67.7%                         | 174                  | 73.1%                     | 15.8%                          | 21.6%                       | 3.0%                              | 87                          | 41.6%                                 | 25.1                       | 47.1%                                       | 37.5%               | 44.9%                             |
| 8  | Jan-23    | 186,290            | 66.7%                         | 174                  | 73.0%                     | 15.6%                          | 21.9%                       | 2.6%                              | 87                          | 41.7%                                 | 25.1                       | 47.7%                                       | 37.4%               | 45.5%                             |
| 9  | Dec-22    | 192,600            | 65.2%                         | 174                  | 72.0%                     | 15.7%                          | 21.8%                       | 2.4%                              | 86                          | 42.8%                                 | 25.0                       | 48.2%                                       | 37.4%               | 46.3%                             |
| 10 | Nov-22    | 192,980            | 63.2%                         | 177                  | 68.4%                     | 15.9%                          | 23.0%                       | 2.6%                              | 86                          | 42.0%                                 | 25.0                       | 49.0%                                       | 38.0%               | 45.5%                             |
| 11 | Oct-22    | 202,640            | 60.4%                         | 179                  | 65.7%                     | 16.3%                          | 24.2%                       | 2.8%                              | 87                          | 42.9%                                 | 25.0                       | 49.0%                                       | 38.1%               | 45.7%                             |
| 12 | Sep-22    | 225,710            | 51.2%                         | 182                  | 61.8%                     | 17.0%                          | 28.8%                       | 3.6%                              | 87                          | 41.3%                                 | 25.0                       | 49.4%                                       | 38.0%               | 44.1%                             |
| 13 | Aug-22    | 234,100            | 48.1%                         | 184                  | 55.7%                     | 17.6%                          | 32.1%                       | 5.1%                              | 87                          | 41.0%                                 | 25.1                       | 49.4%                                       | 38.1%               | 42.7%                             |
| 14 | Jul-22    | 219,960            | 53.1%                         | 187                  | 51.5%                     | 17.7%                          | 32.8%                       | 5.5%                              | 86                          | 41.3%                                 | 25.0                       | 48.9%                                       | 38.2%               | 41.4%                             |
| 15 | Jun-22    | 210,990            | 56.5%                         | 188                  | 49.2%                     | 17.3%                          | 30.7%                       | 4.3%                              | 86                          | 42.1%                                 | 25.1                       | 48.1%                                       | 39.0%               | 40.7%                             |
| 16 | May-22    | 193,210            | 62.6%                         | 185                  | 55.0%                     | 16.7%                          | 27.1%                       | 3.3%                              | 86                          | 42.6%                                 | 25.1                       | 48.0%                                       | 39.0%               | 41.3%                             |
| 17 | Apr-22    | 184,320            | 66.2%                         | 180                  | 62.9%                     | 16.1%                          | 23.8%                       | 2.8%                              | 86                          | 42.3%                                 | 25.1                       | 47.8%                                       | 29.3%               | 40.4%                             |
| 18 | Mar-22    | 182,120            | 67.7%                         | 176                  | 70.5%                     | 15.6%                          | 21.2%                       | 2.6%                              | 86                          | 43.3%                                 | 25.1                       | 48.2%                                       | 39.1%               | 41.0%                             |
| 19 | Feb-22    | 184,160            | 65.9%                         | 173                  | 72.3%                     | 15.3%                          | 19.7%                       | 2.2%                              | 86                          | 44.2%                                 | 25.2                       | 47.6%                                       | 39.9%               | 38.9%                             |
| 20 | Jan-22    | 187,860            | 66.0%                         | 172                  | 73.8%                     | 15.1%                          | 18.3%                       | 2.1%                              | 86                          | 42.7%                                 | 25.2                       | 46.8%                                       | 40.0%               | 37.9%                             |
| 21 | Dec-21    | 189,020            | 64.9%                         | 173                  | 71.7%                     | 15.1%                          | 18.1%                       | 2.0%                              | 85                          | 44.0%                                 | 25.2                       | 46.6%                                       | 40.6%               | 36.5%                             |
| 22 | Nov-21    | 202,140            | 61.4%                         | 176                  | 68.5%                     | 15.2%                          | 19.0%                       | 2.4%                              | 85                          | 43.0%                                 | 25.3                       | 46.0%                                       | 41.0%               | 35.1%                             |
| 23 | Oct-21    | 214,880            | 54.8%                         | 178                  | 66.0%                     | 16.0%                          | 23.3%                       | 2.4%                              | 86                          | 43.7%                                 | 25.2                       | 46.0%                                       | 40.5%               | 35.2%                             |
| 24 | Sep-21    | 243,490            | 47.5%                         | 180                  | 63.8%                     | 16.4%                          | 25.0%                       | 3.3%                              | 86                          | 42.1%                                 | 25.2                       | 45.6%                                       | 40.3%               | 35.4%                             |
| 25 | Aug-21    | 229,750            | 49.8%                         | 183                  | 60.4%                     | 16.8%                          | 27.5%                       | 3.6%                              | 86                          | 42.1%                                 | 25.3                       | 44.1%                                       | 39.8%               | 37.4%                             |
| 26 | Jul-21    | 225,660            | 51.0%                         | 184                  | 56.6%                     | 17.1%                          | 28.6%                       | 4.0%                              | 85                          | 42.5%                                 | 25.3                       | 43.5%                                       | 39.6%               | 36.5%                             |
| 27 | Jun-21    | 200,840            | 60.5%                         | 185                  | 52.7%                     | 16.6%                          | 26.8%                       | 3.1%                              | 85                          | 42.5%                                 | 25.4                       | 42.1%                                       | 39.6%               | 37.2%                             |
| 28 | Jun-20    | 197,450            | 61.5%                         | 184                  | 54.9%                     | 22.2%                          | 40.9%                       | 23.6%                             | 85                          | 43.7%                                 | 25.2                       | 43.6%                                       | 37.6%               | 45.4%                             |
| 29 | Jun-19    | 203,890            | 57.1%                         | 186                  | 50.9%                     | 21.6%                          | 37.4%                       | 22.6%                             | 86                          | 42.6%                                 | 25.0                       | 48.6%                                       | 38.9%               | 39.6%                             |



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