

	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 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%	-1.6%	-1.2%	-0.6%	-1.4%	23.5%	-13.2%	83.8%	32.8%	1.6%	2.2%	7.6%	-8.6%
2 Cg Lst Mn	0.0%	1.1%	-0.4%	-0.1%	-2.1%	-0.9%	6.0%	-4.1%	-0.9%	0.2%	-0.2%	-0.4%	-23.1%
3 Jul-24	465,000	816	4.3%	9.850	65.1	\$23.10	\$7.95	\$11.36	\$17.33	23,613	1,706	66.0%	31.9%
4 Jun-24	465,000	807	4.3%	9.863	66.5	\$23.30	\$7.50	\$11.85	\$17.48	23,562	1,709	66.3%	41.4%
5 May-24	465,000	856	4.4%	9.881	68.3	\$22.50	\$7.42	\$11.31	\$16.88	23,584	1,704	66.0%	47.1%
6 Apr-24	465,000	851	4.5%	9.889	70.1	\$21.80	\$7.77	\$10.00	\$15.83	23,634	1,707	65.7%	51.2%
7 Mar-24	465,000	870	4.4%	9.893	69.4	\$21.70	\$7.36	\$10.76	\$16.28	23,571	1,701	64.9%	47.4%
8 Feb-24	465,000	795	4.4%	9.894	67.8	\$21.90	\$7.66	\$10.68	\$16.43	23,567	1,699	64.3%	45.3%
9 Jan-24	465,000	835	4.4%	9.880	66.6	\$21.30	\$8.17	\$9.85	\$15.98	23,570	1,699	64.5%	42.4%
10 Dec-23	465,000	821	4.4%	9.893	65.5	\$21.80	\$8.11	\$10.27	\$16.35	23,569	1,698	64.3%	36.9%
11 Nov-23	466,000	783	4.3%	9.900	64.4	\$23.10	\$7.79	\$11.48	\$17.33	23,465	1,690	63.5%	32.4%
12 Oct-23	466,000	806	4.3%	9.911	64.1	\$22.80	\$7.63	\$11.38	\$17.10	23,432	1,686	62.7%	32.1%
13 Sep-23	466,000	785	4.3%	9.915	64.5	\$21.50	\$8.02	\$10.11	\$16.13	23,430	1,685	63.2%	31.8%
14 Aug-23	466,000	825	4.4%	9.916	65.6	\$20.20	\$8.84	\$8.14	\$14.78	23,294	1,673	61.2%	34.7%
15 Jul-23	466,000	829	4.4%	9.912	66.0	\$18.70	\$9.16	\$6.18	\$13.05	23,252	1,670	61.3%	34.9%
16 Jun-23	466,000	825	4.4%	9.919	67.8	\$19.30	\$9.36	\$7.45	\$14.48	23,228	1,665	60.5%	42.4%
17 May-23	466,000	864	4.4%	9.928	68.7	\$20.60	\$9.65	\$8.21	\$15.45	23,177	1,658	59.9%	44.5%
18 Apr-23	466,000	855	4.5%	9.947	70.3	\$21.10	\$9.50	\$8.70	\$15.83	23,180	1,657	59.4%	46.4%
19 Mar-23	466,000	871	4.4%	9.947	69.3	\$21.70	\$9.67	\$9.02	\$16.28	23,267	1,662	60.0%	44.2%
20 Feb-23	466,000	781	4.4%	9.949	68.8	\$22.70	\$9.38	\$9.99	\$17.03	23,135	1,651	57.9%	42.5%
21 Jan-23	466,000	848	4.4%	9.950	67.5	\$23.90	\$9.61	\$10.71	\$17.93	23,162	1,653	58.3%	38.6%
22 Dec-22	465,000	828	4.4%	9.949	66.0	\$25.50	\$9.45	\$12.04	\$19.13	23,083	1,645	56.9%	32.9%
23 Nov-22	467,000	794	4.4%	9.955	65.1	\$26.60	\$9.25	\$13.01	\$19.95	23,091	1,644	57.3%	28.7%
24 Oct-22	468,000	810	4.3%	9.962	64.2	\$26.90	\$9.21	\$13.26	\$20.18	23,050	1,640	56.2%	26.9%
25 Sep-22	468,000	786	4.3%	9.970	64.3	\$26.10	\$9.25	\$12.63	\$19.58	22,999	1,634	55.8%	26.8%
26 Aug-22	468,000	821	4.3%	9.983	65.0	\$26.20	\$9.38	\$12.61	\$19.65	22,988	1,634	55.2%	27.7%
27 Jul-22	467,000	836	4.4%	9.993	66.4	\$26.80	\$9.81	\$12.74	\$20.10	22,979	1,631	55.5%	31.4%
28 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%
29 Jul-20	482,000	865	4.6%	10.221	66.5	\$19.30	\$6.63	\$9.50	\$12.67	22,366	1,565	41.5%	24.9%

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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	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	<b>Cg Lst Yr</b>	<b>10.3%</b>	<b>-12.6%</b>	<b>-0.7%</b>	<b>1.6%</b>	<b>-1.8%</b>	<b>-2.7%</b>	<b>-0.1%</b>	<b>-1.6%</b>	<b>2.1%</b>	<b>-0.3%</b>	<b>1.9%</b>	<b>-1.5%</b>	<b>1.6%</b>
2	<b>Cg Lst Mn</b>	<b>13.0%</b>	<b>-14.0%</b>	<b>-0.1%</b>	<b>1.8%</b>	<b>0.9%</b>	<b>1.6%</b>	<b>11.7%</b>	<b>0.5%</b>	<b>-1.3%</b>	<b>0.2%</b>	<b>-1.1%</b>	<b>-1.7%</b>	<b>3.2%</b>
	<b>Jul-24</b>	<b>234,170</b>	<b>49.0%</b>	<b>185</b>	<b>54.5%</b>	<b>17.5%</b>	<b>31.9%</b>	<b>5.5%</b>	<b>86</b>	<b>39.8%</b>	<b>25.0</b>	<b>48.8%</b>	<b>36.7%</b>	<b>46.5%</b>
4	<b>Jun-24</b>	<b>207,310</b>	<b>57.0%</b>	<b>185</b>	<b>53.5%</b>	<b>17.3%</b>	<b>31.4%</b>	<b>4.9%</b>	<b>86</b>	<b>40.4%</b>	<b>24.9</b>	<b>49.3%</b>	<b>37.4%</b>	<b>45.0%</b>
5	<b>May-24</b>	<b>200,350</b>	<b>60.6%</b>	<b>183</b>	<b>56.5%</b>	<b>17.1%</b>	<b>29.6%</b>	<b>4.1%</b>	<b>86</b>	<b>41.2%</b>	<b>25.0</b>	<b>48.1%</b>	<b>37.4%</b>	<b>45.8%</b>
6	<b>Apr-24</b>	<b>183,120</b>	<b>66.0%</b>	<b>179</b>	<b>64.6%</b>	<b>16.5%</b>	<b>25.4%</b>	<b>3.7%</b>	<b>87</b>	<b>41.6%</b>	<b>25.0</b>	<b>48.0%</b>	<b>37.3%</b>	<b>46.0%</b>
7	<b>Mar-24</b>	<b>184,750</b>	<b>65.1%</b>	<b>175</b>	<b>70.9%</b>	<b>16.3%</b>	<b>25.6%</b>	<b>3.2%</b>	<b>87</b>	<b>41.0%</b>	<b>25.1</b>	<b>47.4%</b>	<b>36.8%</b>	<b>46.5%</b>
8	<b>Feb-24</b>	<b>182,670</b>	<b>65.5%</b>	<b>174</b>	<b>72.3%</b>	<b>16.1%</b>	<b>23.2%</b>	<b>3.2%</b>	<b>87</b>	<b>41.2%</b>	<b>25.1</b>	<b>46.6%</b>	<b>37.4%</b>	<b>46.6%</b>
9	<b>Jan-24</b>	<b>179,870</b>	<b>67.3%</b>	<b>172</b>	<b>73.7%</b>	<b>16.1%</b>	<b>22.9%</b>	<b>2.2%</b>	<b>87</b>	<b>41.1%</b>	<b>25.1</b>	<b>46.3%</b>	<b>37.1%</b>	<b>47.0%</b>
10	<b>Dec-23</b>	<b>184,070</b>	<b>65.6%</b>	<b>174</b>	<b>71.7%</b>	<b>16.2%</b>	<b>24.4%</b>	<b>2.9%</b>	<b>87</b>	<b>41.1%</b>	<b>25.1</b>	<b>45.8%</b>	<b>37.2%</b>	<b>45.3%</b>
11	<b>Nov-23</b>	<b>195,300</b>	<b>61.7%</b>	<b>177</b>	<b>67.4%</b>	<b>16.4%</b>	<b>24.6%</b>	<b>3.0%</b>	<b>88</b>	<b>40.5%</b>	<b>25.1</b>	<b>46.3%</b>	<b>37.2%</b>	<b>45.4%</b>
12	<b>Oct-23</b>	<b>208,120</b>	<b>57.5%</b>	<b>180</b>	<b>63.6%</b>	<b>16.8%</b>	<b>27.9%</b>	<b>3.6%</b>	<b>87</b>	<b>41.7%</b>	<b>25.1</b>	<b>46.2%</b>	<b>37.4%</b>	<b>44.6%</b>
13	<b>Sep-23</b>	<b>222,040</b>	<b>53.4%</b>	<b>182</b>	<b>59.9%</b>	<b>17.2%</b>	<b>30.2%</b>	<b>4.5%</b>	<b>88</b>	<b>40.1%</b>	<b>25.1</b>	<b>46.2%</b>	<b>37.5%</b>	<b>44.4%</b>
14	<b>Aug-23</b>	<b>229,600</b>	<b>50.4%</b>	<b>184</b>	<b>56.3%</b>	<b>17.7%</b>	<b>31.8%</b>	<b>5.6%</b>	<b>87</b>	<b>39.7%</b>	<b>25.1</b>	<b>46.0%</b>	<b>37.7%</b>	<b>44.8%</b>
15	<b>Jul-23</b>	<b>212,350</b>	<b>56.1%</b>	<b>186</b>	<b>53.6%</b>	<b>17.8%</b>	<b>32.7%</b>	<b>5.5%</b>	<b>87</b>	<b>39.0%</b>	<b>25.1</b>	<b>47.8%</b>	<b>37.3%</b>	<b>45.7%</b>
16	<b>Jun-23</b>	<b>191,470</b>	<b>61.2%</b>	<b>187</b>	<b>53.2%</b>	<b>17.4%</b>	<b>31.5%</b>	<b>5.2%</b>	<b>87</b>	<b>39.4%</b>	<b>25.1</b>	<b>46.7%</b>	<b>37.3%</b>	<b>45.5%</b>
17	<b>May-23</b>	<b>185,620</b>	<b>65.5%</b>	<b>185</b>	<b>54.9%</b>	<b>16.8%</b>	<b>27.0%</b>	<b>4.0%</b>	<b>88</b>	<b>39.7%</b>	<b>25.1</b>	<b>46.5%</b>	<b>37.3%</b>	<b>44.9%</b>
18	<b>Apr-23</b>	<b>180,210</b>	<b>66.2%</b>	<b>180</b>	<b>64.3%</b>	<b>16.4%</b>	<b>25.9%</b>	<b>4.0%</b>	<b>87</b>	<b>41.3%</b>	<b>25.1</b>	<b>46.8%</b>	<b>37.4%</b>	<b>45.5%</b>
19	<b>Mar-23</b>	<b>179,470</b>	<b>67.9%</b>	<b>177</b>	<b>69.6%</b>	<b>16.1%</b>	<b>24.2%</b>	<b>3.2%</b>	<b>87</b>	<b>41.3%</b>	<b>25.1</b>	<b>46.9%</b>	<b>37.3%</b>	<b>45.0%</b>
20	<b>Feb-23</b>	<b>183,890</b>	<b>67.7%</b>	<b>174</b>	<b>73.1%</b>	<b>15.8%</b>	<b>21.6%</b>	<b>3.0%</b>	<b>87</b>	<b>41.6%</b>	<b>25.1</b>	<b>47.1%</b>	<b>37.5%</b>	<b>44.9%</b>
21	<b>Jan-23</b>	<b>186,290</b>	<b>66.7%</b>	<b>174</b>	<b>73.0%</b>	<b>15.6%</b>	<b>21.9%</b>	<b>2.6%</b>	<b>87</b>	<b>41.7%</b>	<b>25.1</b>	<b>47.7%</b>	<b>37.4%</b>	<b>45.5%</b>
22	<b>Dec-22</b>	<b>192,600</b>	<b>65.2%</b>	<b>174</b>	<b>72.0%</b>	<b>15.7%</b>	<b>21.8%</b>	<b>2.4%</b>	<b>86</b>	<b>42.8%</b>	<b>25.0</b>	<b>48.2%</b>	<b>37.4%</b>	<b>46.3%</b>
23	<b>Nov-22</b>	<b>192,980</b>	<b>63.2%</b>	<b>177</b>	<b>68.4%</b>	<b>15.9%</b>	<b>23.0%</b>	<b>2.6%</b>	<b>86</b>	<b>42.0%</b>	<b>25.0</b>	<b>49.0%</b>	<b>38.0%</b>	<b>45.5%</b>
24	<b>Oct-22</b>	<b>202,640</b>	<b>60.4%</b>	<b>179</b>	<b>65.7%</b>	<b>16.3%</b>	<b>24.2%</b>	<b>2.8%</b>	<b>87</b>	<b>42.9%</b>	<b>25.0</b>	<b>49.0%</b>	<b>38.1%</b>	<b>45.7%</b>
25	<b>Sep-22</b>	<b>225,710</b>	<b>51.2%</b>	<b>182</b>	<b>61.8%</b>	<b>17.0%</b>	<b>28.8%</b>	<b>3.6%</b>	<b>87</b>	<b>41.3%</b>	<b>25.0</b>	<b>49.4%</b>	<b>38.0%</b>	<b>44.1%</b>
26	<b>Aug-22</b>	<b>234,100</b>	<b>48.1%</b>	<b>184</b>	<b>55.7%</b>	<b>17.6%</b>	<b>32.1%</b>	<b>5.1%</b>	<b>87</b>	<b>41.0%</b>	<b>25.1</b>	<b>49.4%</b>	<b>38.1%</b>	<b>42.7%</b>
27	<b>Jul-22</b>	<b>219,960</b>	<b>53.1%</b>	<b>187</b>	<b>51.5%</b>	<b>17.7%</b>	<b>32.8%</b>	<b>5.5%</b>	<b>86</b>	<b>41.3%</b>	<b>25.0</b>	<b>48.9%</b>	<b>38.2%</b>	<b>41.4%</b>
28	<b>Jul-21</b>	<b>225,660</b>	<b>51.0%</b>	<b>184</b>	<b>56.6%</b>	<b>17.1%</b>	<b>28.6%</b>	<b>4.0%</b>	<b>85</b>	<b>42.5%</b>	<b>25.3</b>	<b>43.5%</b>	<b>39.6%</b>	<b>36.5%</b>
29	<b>Jul-20</b>	<b>212,710</b>	<b>55.0%</b>	<b>183</b>	<b>57.6%</b>	<b>21.9%</b>	<b>40.4%</b>	<b>23.0%</b>	<b>86</b>	<b>42.1%</b>	<b>25.3</b>	<b>42.8%</b>	<b>37.5%</b>	<b>44.0%</b>



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