

		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%	-1.4%	-0.8%	-0.3%	-1.2%	-13.2%	-15.8%	-11.8%	-13.1%	1.6%	2.8%	10.8%	13.2%
2	Cg Lst Mn	0.0%	-2.9%	0.3%	-0.1%	0.4%	1.3%	2.1%	0.9%	1.3%	0.1%	0.3%	1.2%	1.2%
3	Nov-23	466,000	783	4.3%	9.921	64.4	\$23.10	\$7.79	\$11.48	\$17.33	23,465	1,690	63.5%	32.4%
4	Oct-23	466,000	806	4.3%	9.932	64.1	\$22.80	\$7.63	\$11.38	\$17.10	23,432	1,686	62.7%	32.1%
5	Sep-23	466,000	785	4.3%	9.936	64.5	\$21.50	\$8.02	\$10.11	\$16.13	23,430	1,685	63.2%	31.8%
6	Aug-23	466,000	825	4.4%	9.937	65.6	\$20.20	\$8.84	\$8.14	\$14.78	23,294	1,673	61.2%	34.7%
7	Jul-23	466,000	829	4.4%	9.933	66.0	\$18.70	\$9.16	\$6.18	\$13.05	23,252	1,670	61.3%	34.9%
8	Jun-23	466,000	825	4.4%	9.940	67.8	\$19.30	\$9.36	\$7.45	\$14.48	23,228	1,665	60.5%	42.4%
9	May-23	466,000	878	4.4%	9.949	69.9	\$20.60	\$9.65	\$8.21	\$15.45	23,177	1,658	59.9%	44.5%
10	Apr-23	466,000	855	4.4%	9.954	70.3	\$21.10	\$9.50	\$8.70	\$15.83	23,180	1,657	59.4%	46.4%
11	Mar-23	466,000	871	4.4%	9.954	69.3	\$21.70	\$9.67	\$9.02	\$16.28	23,267	1,662	60.0%	44.2%
12	Feb-23	466,000	781	4.4%	9.956	68.8	\$22.70	\$9.38	\$9.99	\$17.03	23,135	1,651	57.9%	42.5%
13	Jan-23	466,000	848	4.4%	9.957	67.5	\$23.90	\$9.61	\$10.71	\$17.93	23,162	1,653	58.3%	38.6%
14	Dec-22	465,000	835	4.4%	9.956	66.6	\$25.50	\$9.45	\$12.04	\$19.13	23,083	1,645	56.9%	32.9%
15	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%
16	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%
17	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%
18	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%
19	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%
20	Jun-22	467,000	834	4.4%	10.010	68.4	\$27.70	\$9.07	\$13.98	\$20.78	22,995	1,632	55.3%	35.2%
21	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%
22	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%
23	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%
24	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%
25	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%
26	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%
27	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%
28	Nov-20	482,000	829	4.6%	10.263	65.9	\$21.30	\$7.84	\$9.27	\$13.46	22,825	1,600	47.8%	29.4%
29	Nov-19	485,000	808	4.6%	10.133	63.8	\$21.00	\$7.24	\$10.32	\$13.76	21,859	1,522	33.5%	19.1%

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	Cg Lst Yr	1.2%	-2.4%	0.1%	-1.5%	3.2%	6.6%	17.4%	1.9%	-3.6%	0.3%	-5.5%	-2.1%	-0.1%
2	Cg Lst Mn	-6.2%	7.3%	-1.2%	6.1%	-2.4%	-12.0%	-15.7%	0.7%	-2.9%	0.0%	0.1%	-0.6%	1.8%
3	Nov-23	195,300	61.7%	177	67.4%	16.4%	24.6%	3.0%	88	40.5%	25.1	46.3%	37.2%	45.4%
4	Oct-23	208,120	57.5%	180	63.6%	16.8%	27.9%	3.6%	87	41.7%	25.1	46.2%	37.4%	44.6%
5	Sep-23	222,040	53.4%	182	59.9%	17.2%	30.2%	4.5%	88	40.1%	25.1	46.2%	37.5%	44.4%
6	Aug-23	229,600	50.4%	184	56.3%	17.7%	31.8%	5.6%	87	39.7%	25.1	46.0%	37.7%	44.8%
7	Jul-23	212,350	56.1%	186	53.6%	17.8%	32.7%	5.5%	87	39.0%	25.1	47.8%	37.3%	45.7%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	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%
26	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%
27	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%
28	Nov-20	195,800	62.1%	174	70.4%	17.6%	42.5%	13.0%	86	42.7%	25.3	41.9%	37.9%	43.7%
29	Nov-19	192,190	63.7%	176	66.8%	17.8%	31.9%	13.1%	86	43.8%	25.0	47.3%	38.0%	43.4%



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