

		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	Calculate d 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	-0.4%	0.5%	0.8%	-0.1%	0.9%	-22.9%	-5.8%	-35.4%	-24.8%	1.3%	2.4%	11.1%	25.4%
2	Cg Lst Mn	0.0%	-0.5%	-0.1%	0.0%	-0.5%	8.0%	-3.5%	31.7%	13.3%	0.2%	0.2%	-0.1%	-0.3%
3	Aug-23	466,000	825	4.3%	9.972	65.6	\$20.20	\$8.84	\$8.14	\$14.78	23,294	1,673	61.2%	34.7%
4	Jul-23	466,000	829	4.4%	9.968	66.0	\$18.70	\$9.16	\$6.18	\$13.05	23,252	1,670	61.3%	34.9%
5	Jun-23	466,000	825	4.4%	9.975	67.8	\$19.30	\$9.36	\$7.45	\$14.48	23,228	1,665	60.5%	42.4%
6	May-23	466,000	878	4.4%	9.984	69.9	\$20.60	\$9.65	\$8.21	\$15.45	23,177	1,658	59.9%	44.5%
7	Apr-23	466,000	855	4.4%	9.989	70.3	\$21.10	\$9.50	\$8.70	\$15.83	23,180	1,657	59.4%	46.4%
8	Mar-23	466,000	871	4.4%	9.989	69.3	\$21.70	\$9.67	\$9.02	\$16.28	23,267	1,662	60.0%	44.2%
9	Feb-23	466,000	781	4.4%	9.991	68.8	\$22.70	\$9.38	\$9.99	\$17.03	23,135	1,651	57.9%	42.5%
10	Jan-23	466,000	848	4.4%	9.992	67.5	\$23.90	\$9.61	\$10.71	\$17.93	23,162	1,653	58.3%	38.6%
11	Dec-22	465,000	835	4.4%	9.991	66.6	\$25.50	\$9.45	\$12.04	\$19.13	23,083	1,645	56.9%	32.9%
12	Nov-22	467,000	801	4.4%	9.990	65.7	\$26.60	\$9.25	\$13.01	\$19.95	23,091	1,644	57.3%	28.7%
13	Oct-22	468,000	826	4.4%	9.990	65.4	\$26.90	\$9.21	\$13.26	\$20.18	23,050	1,640	56.2%	26.9%
14	Sep-22	468,000	798	4.4%	9.982	65.3	\$26.10	\$9.25	\$12.63	\$19.58	22,999	1,634	55.8%	26.8%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	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%
26	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%
27	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%
28	Aug-20	482,000	841	4.5%	10.233	64.7	\$18.10	\$7.00	\$8.32	\$11.10	22,482	1,574	43.2%	25.5%
29	Aug-19	485,000	829	4.5%	10.179	63.4	\$19.40	\$6.67	\$9.55	\$12.73	21,766	1,509	31.1%	15.8%

Source: USDA, NASS 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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2301 North Cameron Street, Harrisburg, PA 17110

Phone: 717-346-0849; www.centerfordairyexcellence.org



	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	-1.9%	4.6%	0.3%	1.1%	0.6%	-0.9%	8.8%	-0.2%	-3.2%	0.1%	-6.8%	-0.9%	4.9%
2	Cg Lst Mn	8.1%	-10.2%	-1.0%	5.0%	-0.3%	-2.9%	1.1%	-0.9%	1.8%	0.1%	-3.7%	1.2%	-2.1%
3	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%
4	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%
5	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%
6	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%
7	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%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	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%
26	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%
27	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%
28	Aug-20	229,650	49.3%	181	62.7%	20.2%	42.2%	18.5%	86	42.9%	25.3	42.3%	37.7%	43.4%
29	Aug-19	239,110	48.9%	185	55.9%	19.7%	36.4%	16.9%	86	42.1%	25.0	49.3%	39.0%	38.5%

