



		A	B	C	D	E	F	G	H	I	K	L	M
	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
1	Cg Lst Yr	-1.7%	-0.6%	-0.8%	-1.8%	1.1%	45.0%	1.9%	82.7%	103.7%	-0.4%	0.0%	1.3%
2	Cg Lst Mn	0.0%	-4.8%	-1.0%	0.0%	-1.6%	1.5%	-2.9%	3.8%	1.5%	0.1%	0.2%	2.0%
3	Jun-22	467,000	841	4.4%	10.049	69.0	\$27.70	\$9.07	\$13.98	\$20.78	22,995	1,632	55.3%
4	May-22	467,000	883	4.5%	10.054	70.1	\$27.30	\$9.34	\$13.47	\$20.48	22,961	1,630	54.2%
5	Apr-22	467,000	855	4.5%	10.064	70.1	\$27.50	\$8.97	\$13.90	\$18.80	22,993	1,630	54.8%
6	Mar-22	467,000	873	4.4%	10.083	69.3	\$26.40	\$8.59	\$13.76	\$17.81	23,039	1,634	54.3%
7	Feb-22	468,000	791	4.5%	10.103	69.4	\$25.70	\$8.61	\$12.82	\$17.09	23,153	1,639	55.2%
8	Jan-22	469,000	849	4.5%	10.110	67.1	\$24.80	\$8.42	\$12.28	\$16.38	23,179	1,640	55.0%
9	Dec-21	470,000	834	4.4%	10.135	65.8	\$22.30	\$8.51	\$10.34	\$13.79	23,207	1,642	55.7%
10	Nov-21	472,000	800	4.4%	10.157	64.9	\$21.50	\$8.02	\$10.11	\$13.48	23,137	1,637	55.0%
11	Oct-21	475,000	829	4.5%	10.186	64.7	\$19.90	\$7.64	\$9.19	\$12.26	23,280	1,646	56.7%
12	Sep-21	475,000	798	4.4%	10.205	64.4	\$19.00	\$7.93	\$8.30	\$11.07	23,212	1,643	56.1%
13	Aug-21	475,000	841	4.5%	10.222	65.6	\$18.40	\$8.58	\$7.36	\$9.82	23,232	1,644	56.3%
14	Jul-21	475,000	855	4.5%	10.222	66.7	\$18.50	\$8.46	\$7.53	\$10.04	23,166	1,640	55.6%
15	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%
16	May-21	475,000	893	4.5%	10.242	69.7	\$19.30	\$9.54	\$7.32	\$9.76	23,008	1,626	53.7%
17	Apr-21	475,000	874	4.5%	10.226	70.5	\$18.40	\$9.03	\$7.03	\$9.37	22,827	1,611	51.5%
18	Mar-21	475,000	893	4.5%	10.235	69.7	\$17.90	\$8.66	\$6.93	\$9.24	22,828	1,608	49.2%
19	Feb-21	475,000	798	4.5%	10.249	69.0	\$17.40	\$9.25	\$6.11	\$8.15	22,909	1,611	48.8%
20	Jan-21	475,000	874	4.5%	10.284	68.2	\$17.30	\$8.74	\$6.42	\$8.56	22,884	1,608	48.5%
21	Dec-20	478,000	856	4.5%	10.276	66.4	\$18.80	\$8.27	\$7.90	\$10.53	22,779	1,600	47.6%
22	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%
23	Oct-20	482,000	848	4.6%	10.242	65.2	\$18.80	\$7.49	\$8.48	\$11.31	22,644	1,587	45.9%
24	Sep-20	482,000	815	4.5%	10.221	64.8	\$17.24	\$7.09	\$8.18	\$10.15	22,481	1,575	43.8%
25	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%
26	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%
27	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%
28	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%
29	Jun-18	521,000	896	4.9%	10.878	65.9	\$17.00	\$5.91	\$8.32	\$11.09	22,375	1,549	36.6%

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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N		O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
%Herds with 80+ lbs per cow per day		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
1.3%	1	Cg Lst Yr	5.1%	-6.6%	1.3%	-6.7%	3.8%	14.8%	38.7%	0.3%	-0.9%	-1.1%	14.5%	-1.5%	9.5%
-11.2%	2	Cg Lst Mn	9.2%	-9.8%	1.6%	-10.7%	3.4%	13.6%	29.9%	-0.2%	-1.0%	0.0%	0.4%	-0.1%	-1.6%
35.2%	3	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%
39.6%	4	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%
42.2%	5	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%
39.5%	6	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%
38.3%	7	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%
32.7%	8	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%
28.9%	9	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%
24.7%	10	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%
24.0%	11	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%
23.3%	12	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%
27.4%	13	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%
28.5%	14	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%
34.7%	15	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%
39.6%	16	May-21	179,290	66.1%	183	54.9%	16.1%	23.7%	2.3%	85	44.9%	25.4	42.0%	39.9%	36.2%
42.7%	17	Apr-21	182,660	66.4%	178	63.9%	15.3%	18.6%	1.5%	84	45.1%	25.4	42.0%	39.9%	36.2%
40.3%	18	Mar-21	179,070	69.3%	174	71.6%	14.7%	15.7%	1.0%	85	44.1%	25.4	0.0%	39.8%	37.7%
38.3%	19	Feb-21	181,110	67.1%	171	76.1%	14.3%	15.2%	0.8%	85	44.9%	25.4	42.2%	41.1%	38.6%
37.1%	20	Jan-21	186,960	66.5%	170	76.0%	21.4%	42.2%	21.4%	85	42.4%	25.4	40.7%	38.5%	41.6%
31.4%	21	Dec-20	192,180	63.5%	171	74.0%	19.0%	41.3%	15.4%	86	41.6%	25.4	41.3%	38.1%	42.6%
29.4%	22	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%
26.3%	23	Oct-20	206,030	60.0%	176	67.3%	17.1%	43.3%	12.5%	86	43.0%	25.3	41.1%	37.9%	43.1%
24.6%	24	Sep-20	228,140	51.2%	180	63.8%	19.1%	41.9%	15.9%	86	42.8%	25.3	41.6%	37.6%	44.2%
25.5%	25	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%
24.9%	26	Jul-20	212,710	55.0%	183	57.6%	21.9%	40.4%	23.0%	86	42.1%	25.3	42.8%	37.5%	44.0%
31.0%	27	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%
20.7%	28	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%
25.1%	29	Jun-18	220,810	52.8%	182	57.3%	21.3%	38.8%	21.6%	85	43.5%	24.9	51.1%	37.8%	43.0%

