



		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	-1.5%	-2.1%	-2.3%	-0.5%	-0.6%	10.2%	20.5%	-2.1%	-2.1%	3.3%	4.3%	27.9%	-5.3%
2	Cg Lst Mn	0.0%	-5.1%	-1.6%	-0.2%	-2.0%	3.3%	-0.5%	8.8%	8.8%	-0.1%	-0.1%	-0.4%	-15.0%
3	Sep-21	475,000	798	4.4%	10.172	64.4	\$19.00	\$8.54	\$8.01	\$10.68	23,212	1,643	56.1%	23.3%
4	Aug-21	475,000	841	4.5%	10.189	65.6	\$18.40	\$8.58	\$7.36	\$9.82	23,232	1,644	56.3%	27.4%
5	Jul-21	475,000	855	4.5%	10.189	66.7	\$18.50	\$8.46	\$7.53	\$10.04	23,166	1,640	55.6%	28.5%
6	Jun-21	475,000	846	4.5%	10.199	68.2	\$19.10	\$8.90	\$7.65	\$10.20	23,085	1,632	54.6%	34.7%
7	May-21	475,000	893	4.5%	10.209	69.7	\$19.30	\$9.54	\$7.32	\$9.76	23,008	1,626	53.7%	39.6%
8	Apr-21	475,000	874	4.5%	10.193	70.5	\$18.40	\$9.03	\$7.03	\$9.37	22,827	1,611	51.5%	42.7%
9	Mar-21	475,000	883	4.5%	10.202	68.9	\$17.90	\$8.66	\$6.93	\$9.24	22,828	1,608	49.2%	40.3%
10	Feb-21	475,000	798	4.5%	10.226	69.0	\$17.40	\$9.25	\$6.11	\$8.15	22,909	1,611	48.8%	38.3%
11	Jan-21	475,000	865	4.5%	10.261	67.5	\$17.30	\$8.74	\$6.42	\$8.56	22,884	1,608	48.5%	37.1%
12	Dec-20	478,000	856	4.5%	10.262	66.4	\$18.80	\$8.27	\$7.90	\$10.53	22,779	1,600	47.6%	31.4%
13	Nov-20	482,000	815	4.5%	10.249	64.8	\$21.30	\$7.84	\$9.27	\$12.36	22,825	1,600	47.8%	29.4%
14	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%	26.3%
15	Sep-20	482,000	815	4.5%	10.221	64.8	\$17.24	\$7.09	\$8.18	\$10.91	22,481	1,575	43.8%	24.6%
16	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%
17	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%
18	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%
19	May-20	483,000	877	4.6%	10.170	67.3	\$14.00	\$7.21	\$5.10	\$6.79	22,315	1,559	39.5%	34.0%
20	Apr-20	485,000	883	4.7%	10.180	69.8	\$15.30	\$7.03	\$6.20	\$8.87	22,204	1,548	38.1%	37.7%
21	Mar-20	485,000	907	4.7%	10.161	69.3	\$18.90	\$7.66	\$8.43	\$11.24	22,107	1,540	36.8%	37.1%
22	Feb-20	483,000	833	4.7%	10.143	68.4	\$19.40	\$7.20	\$9.15	\$12.20	22,029	1,536	35.5%	34.7%
23	Jan-20	480,000	866	4.6%	10.113	66.9	\$20.20	\$7.10	\$9.83	\$13.10	21,907	1,528	34.8%	30.3%
24	Dec-19	483,000	843	4.6%	10.120	64.7	\$20.90	\$7.12	\$10.34	\$13.78	21,877	1,523	34.0%	23.4%
25	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%
26	Oct-19	485,000	827	4.6%	10.144	63.2	\$20.10	\$7.01	\$9.81	\$13.09	21,778	1,515	32.2%	16.9%
27	Sep-19	485,000	827	4.7%	10.174	65.3	\$19.60	\$6.43	\$9.88	\$13.17	21,781	1,511	31.9%	17.3%
28	Sep-18	517,000	832	4.8%	10.809	61.7	\$17.10	\$6.09	\$8.26	\$11.01	22,360	1,541	35.5%	15.1%
29	Sep-17	525,000	869	5.1%	10.926	63.4	\$19.00	\$5.89	\$9.83	\$13.11	22,466	1,556	37.4%	19.2%

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 65 lbs of milk)/65\*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	6.7%	-7.1%	0.3%	0.0%	-14.1%	-40.4%	-79.2%	-0.7%	-1.6%	-0.4%	9.6%	7.0%	-19.9%
2	Cg Lst Mn	6.0%	-4.5%	-1.4%	5.7%	-2.6%	-9.1%	-7.7%	0.0%	-0.1%	-0.2%	3.2%	1.1%	-5.4%
3	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%
4	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%
5	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%
6	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%
7	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%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	May-20	184,290	67.3%	183	56.4%	22.1%	40.0%	23.1%	84	44.5%	25.1	44.8%	37.4%	45.3%
20	Apr-20	181,480	66.9%	178	64.2%	22.6%	39.2%	23.5%	84	45.1%	25.1	44.2%	37.2%	44.6%
21	Mar-20	181,300	67.2%	175	70.4%	22.5%	38.5%	24.4%	85	45.2%	26.2	44.5%	37.3%	44.8%
22	Feb-20	177,950	68.4%	173	73.9%	22.4%	38.4%	24.4%	86	44.0%	25.1	44.7%	37.1%	45.5%
23	Jan-20	186,350	65.5%	173	72.9%	21.3%	38.9%	21.2%	85	44.4%	25.1	45.7%	37.7%	44.2%
24	Dec-19	181,230	67.3%	174	71.3%	19.8%	38.2%	17.3%	85	44.1%	25.0	47.1%	37.6%	44.0%
25	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%
26	Oct-19	213,230	57.7%	179	64.3%	16.6%	35.4%	11.0%	86	41.7%	25.0	48.3%	38.2%	41.3%
27	Sep-19	220,920	53.3%	182	58.8%	18.0%	35.8%	13.7%	86	41.8%	25.0	49.4%	38.3%	41.7%
28	Sep-18	257,600	42.3%	179	64.3%	18.2%	41.1%	13.5%	85	43.6%	24.9	51.5%	38.3%	40.8%
29	Sep-17	228,560	50.0%	180	63.4%	18.4%	34.7%	14.4%	86	43.4%	25.0	49.6%	36.8%	46.3%

