



		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	-1.7%	1.8%	-2.7%	0.4%	3.5%	43.9%	20.9%	68.0%	68.3%	3.1%	4.3%	35.9%	16.4%
2	Cg Lst Mn	0.0%	2.2%	-0.5%	0.2%	-1.1%	9.5%	-0.2%	10.3%	10.4%	0.8%	0.9%	4.4%	-7.4%
3	May-21	475,000	893	4.5%	10.209	69.7	\$20.14	\$8.72	\$8.57	\$11.43	23,008	1,626	53.7%	39.6%
4	Apr-21	475,000	874	4.5%	10.193	70.5	\$18.40	\$8.74	\$7.77	\$10.35	22,827	1,611	51.5%	42.7%
5	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%
6	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%
7	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%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	Jul-19	485,000	832	4.5%	10.232	63.6	\$20.05	\$7.62	\$8.61	\$11.48	21,804	1,511	30.7%	15.2%
26	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%	20.7%
27	May-19	493,000	887	4.7%	10.358	66.7	\$18.60	\$7.06	\$8.65	\$11.54	21,940	1,517	32.7%	24.6%
28	May-18	523,000	954	5.0%	10.888	67.6	\$16.70	\$5.99	\$8.04	\$10.71	22,405	1,552	36.9%	32.6%
29	May-17	525,000	974	5.1%	10.900	68.8	\$17.40	\$6.10	\$8.48	\$11.30	22,456	1,550	36.0%	30.8%

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 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	-2.7%	-1.8%	0.1%	-2.5%	-27.2%	-40.9%	-90.2%	0.6%	1.0%	0.9%	-6.4%	6.5%	-20.1%
2	Cg Lst Mn	-1.8%	-0.4%	3.0%	-14.0%	5.2%	27.5%	53.4%	0.3%	-0.5%	-0.3%	0.0%	-0.2%	0.0%
3	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%
4	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%
5	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%
6	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%
7	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%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	Jul-19	233,000	50.8%	187	51.4%	20.7%	36.8%	19.3%	86	42.4%	24.9	50.4%	38.6%	39.7%
26	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%
27	May-19	192,280	63.6%	183	56.0%	21.4%	37.1%	21.5%	85	44.4%	25.0	49.8%	39.2%	38.3%
28	May-18	196,540	61.8%	181	59.5%	21.7%	39.6%	22.0%	86	42.7%	24.9	50.6%	37.7%	43.0%
29	May-17	201,000	60.1%	187	50.4%	21.4%	45.8%	21.2%	85	44.6%	25.0	48.4%	36.6%	44.4%

