



		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	-0.6%	1.4%	-0.4%	0.1%	2.1%	-4.0%	0.4%	-6.3%	-6.3%	3.3%	4.3%	38.8%
2	Cg Lst Mn	0.0%	-2.8%	-2.1%	0.1%	-2.8%	-3.5%	1.1%	-5.8%	-5.8%	0.5%	0.6%	4.1%
3	Aug-20	482,000	841	4.5%	10.194	64.7	\$18.63	\$6.70	\$8.95	\$11.93	22,482	1,574	43.2%
4	Jul-20	482,000	865	4.6%	10.182	66.5	\$19.30	\$6.63	\$9.50	\$12.67	22,366	1,565	41.5%
5	Jun-20	482,000	856	4.7%	10.149	68.0	\$16.30	\$6.86	\$7.05	\$9.44	22,237	1,555	40.2%
6	May-20	483,000	865	4.6%	10.131	66.4	\$14.00	\$7.21	\$5.10	\$6.79	22,315	1,559	39.5%
7	Apr-20	485,000	883	4.7%	10.153	69.8	\$15.30	\$7.03	\$6.20	\$8.87	22,204	1,548	38.1%
8	Mar-20	485,000	907	4.7%	10.134	69.3	\$18.90	\$7.66	\$8.43	\$11.24	22,107	1,540	36.8%
9	Feb-20	483,000	833	4.7%	10.116	68.4	\$19.40	\$7.20	\$9.15	\$12.20	22,029	1,536	35.5%
10	Jan-20	480,000	866	4.6%	10.086	66.9	\$20.20	\$7.10	\$9.83	\$13.10	21,907	1,528	34.8%
11	Dec-19	483,000	843	4.6%	10.093	64.7	\$20.90	\$7.12	\$10.34	\$13.78	21,877	1,523	34.0%
12	Nov-19	485,000	808	4.6%	10.106	63.8	\$21.00	\$7.24	\$10.32	\$13.76	21,859	1,522	33.5%
13	Oct-19	485,000	827	4.6%	10.117	63.2	\$20.10	\$7.01	\$9.81	\$13.09	21,778	1,515	32.2%
14	Sep-19	485,000	800	4.5%	10.147	63.2	\$19.60	\$6.43	\$9.88	\$13.17	21,781	1,511	31.9%
15	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%
16	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%
17	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%
18	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%
19	Apr-19	495,000	864	4.7%	10.425	66.9	\$18.30	\$7.09	\$8.41	\$11.21	22,026	1,524	32.9%
20	Mar-19	495,000	889	4.7%	10.491	66.6	\$18.63	\$7.11	\$8.55	\$11.39	22,116	1,530	33.4%
21	Feb-19	500,000	803	4.7%	10.561	65.9	\$17.90	\$6.56	\$8.51	\$11.34	22,142	1,530	33.5%
22	Jan-19	500,000	873	4.7%	10.614	64.7	\$17.70	\$7.33	\$7.78	\$10.37	22,322	1,540	34.7%
23	Dec-18	505,000	856	4.7%	10.665	62.8	\$17.60	\$7.14	\$7.84	\$10.46	22,240	1,534	33.4%
24	Nov-18	513,000	819	4.7%	10.720	61.2	\$18.00	\$6.71	\$8.47	\$11.29	22,394	1,543	35.3%
25	Oct-18	516,000	857	4.8%	10.773	61.6	\$18.10	\$6.42	\$8.76	\$11.68	22,328	1,538	35.1%
26	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%
27	Aug-18	519,000	882	4.8%	10.846	63.0	\$16.40	\$6.36	\$7.53	\$10.04	22,454	1,551	36.6%
28	Aug-17	525,000	906	5.0%	10.916	64.0	\$19.20	\$6.07	\$9.85	\$13.13	22,366	1,549	35.9%
29	Aug-16	529,000	886	5.0%	10.793	62.1	\$17.50	\$6.26	\$8.43	\$11.24	22,235	1,526	30.2%

\*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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N		O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
%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
61.7%	1	Cg Lst Yr	-4.0%	0.7%	-2.1%	12.2%	2.4%	15.9%	9.3%	-0.3%	1.7%	1.1%	-14.2%	-3.2%
2.5%	2	Cg Lst Mn	8.0%	-10.3%	-1.2%	8.8%	-7.6%	4.6%	-19.6%	0.2%	1.9%	0.0%	-1.2%	0.6%
25.5%	3	Aug-20	229,650	49.3%	181	62.7%	20.2%	42.2%	18.5%	86	42.9%	25.3	42.3%	37.7%
24.9%	4	Jul-20	212,710	55.0%	183	57.6%	21.9%	40.4%	23.0%	86	42.1%	25.3	42.8%	37.5%
31.0%	5	Jun-20	197,450	61.5%	184	54.9%	22.2%	40.9%	23.6%	85	43.7%	25.2	43.6%	37.6%
34.0%	6	May-20	184,290	67.3%	183	56.4%	22.1%	40.0%	23.1%	84	44.5%	25.1	44.8%	37.4%
37.7%	7	Apr-20	181,480	66.9%	178	64.2%	22.6%	39.2%	23.5%	84	45.1%	25.1	44.2%	37.2%
37.1%	8	Mar-20	181,300	67.2%	175	70.4%	22.5%	38.5%	24.4%	85	45.2%	26.2	44.5%	37.3%
34.7%	9	Feb-20	177,950	68.4%	173	73.9%	22.4%	38.4%	24.4%	86	44.0%	25.1	44.7%	37.1%
30.3%	10	Jan-20	186,350	65.5%	173	72.9%	21.3%	38.9%	21.2%	85	44.4%	25.1	45.7%	37.7%
23.4%	11	Dec-19	181,230	67.3%	174	71.3%	19.8%	38.2%	17.3%	85	44.1%	25.0	47.1%	37.6%
19.1%	12	Nov-19	192,190	63.7%	176	66.8%	17.8%	31.9%	13.1%	86	43.8%	25.0	47.3%	38.0%
16.9%	13	Oct-19	213,230	57.7%	179	64.3%	16.6%	35.4%	11.0%	86	41.7%	25.0	48.3%	38.2%
17.3%	14	Sep-19	220,920	53.3%	182	58.8%	18.0%	35.8%	13.7%	86	41.8%	25.0	49.4%	38.3%
15.8%	15	Aug-19	239,110	48.9%	185	55.9%	19.7%	36.4%	16.9%	86	42.1%	25.0	49.3%	39.0%
15.2%	16	Jul-19	233,000	50.8%	187	51.4%	20.7%	36.8%	19.3%	86	42.4%	24.9	50.4%	38.6%
20.7%	17	Jun-19	203,890	57.1%	186	50.9%	21.6%	37.4%	22.6%	86	42.6%	25.0	48.6%	38.9%
24.6%	18	May-19	192,280	63.6%	183	56.0%	21.4%	37.1%	21.5%	85	44.4%	25.0	49.8%	39.2%
26.4%	19	Apr-19	187,310	65.1%	178	64.3%	21.8%	37.4%	22.2%	85	44.0%	25.0	49.8%	39.4%
24.8%	20	Mar-19	187,170	65.7%	174	71.0%	22.2%	37.2%	23.3%	85	43.8%	24.9	49.9%	39.7%
23.3%	21	Feb-19	196,300	62.3%	172	73.9%	21.3%	36.5%	21.7%	85	44.0%	25.0	50.1%	39.6%
21.4%	22	Jan-19	203,490	60.6%	171	73.7%	19.3%	36.5%	15.5%	85	43.7%	24.9	50.4%	39.3%
17.0%	23	Dec-18	209,930	57.1%	172	73.0%	17.4%	31.1%	12.2%	85	43.4%	24.9	49.7%	39.2%
16.2%	24	Nov-18	212,950	56.6%	175	69.2%	17.0%	38.3%	11.0%	86	44.2%	24.9	50.5%	37.8%
15.1%	25	Oct-18	240,260	47.9%	178	65.7%	17.8%	39.5%	12.6%	85	43.7%	24.9	49.7%	38.5%
15.1%	26	Sep-18	257,600	42.3%	179	64.3%	18.2%	41.1%	13.5%	85	43.6%	24.9	51.5%	38.3%
18.1%	27	Aug-18	248,010	44.3%	182	60.2%	19.9%	40.3%	17.3%	86	43.0%	24.9	50.6%	38.3%
19.1%	28	Aug-17	246,350	45.3%	184	58.0%	19.9%	40.3%	18.1%	87	41.8%	25.0	49.2%	36.4%
16.1%	29	Aug-16	249,160	44.2%	180	63.4%	20.3%	37.0%	18.4%	85	44.1%	25.3	44.7%	35.8%



Sep-20

AB
% of herds with % left herd 20-35
12.9%
-1.4%
43.4%
44.0%
45.4%
45.3%
44.6%
44.8%
45.5%
44.2%
44.0%
43.4%
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46.8%
48.0%