



		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	-6.0%	-3.7%	-5.0%	-6.2%	2.4%	15.4%	7.3%	19.7%	19.8%	-2.5%	-1.5%	-8.1%	12.1%	1
2	Cg Lst Mn	0.0%	3.4%	0.6%	-0.3%	0.0%	3.5%	0.0%	5.3%	5.3%	0.0%	0.3%	1.1%	-2.0%	2
3	Oct-19	485,000	827	4.6%	10.143	63.2	\$20.88	\$6.89	\$10.49	\$13.99	21,778	1,515	32.2%	16.9%	3
4	Sep-19	485,000	800	4.5%	10.175	63.2	\$20.18	\$6.89	\$9.96	\$13.28	21,781	1,511	31.9%	17.3%	4
5	Aug-19	485,000	832	4.5%	10.207	63.6	\$19.40	\$6.67	\$9.55	\$12.73	21,766	1,509	31.1%	15.8%	5
6	Jul-19	485,000	832	4.5%	10.257	63.6	\$20.05	\$7.62	\$8.61	\$11.48	21,804	1,511	30.7%	15.2%	6
7	Jun-19	490,000	838	4.6%	10.327	65.5	\$18.80	\$7.28	\$8.64	\$11.52	21,880	1,515	31.4%	20.7%	7
8	May-19	493,000	887	4.7%	10.393	66.7	\$18.60	\$7.06	\$8.65	\$11.54	21,940	1,517	32.7%	24.6%	8
9	Apr-19	495,000	864	4.7%	10.460	66.9	\$18.30	\$7.09	\$8.41	\$11.21	22,026	1,524	32.9%	26.4%	9
10	Mar-19	495,000	893	4.7%	10.526	66.9	\$18.63	\$7.11	\$8.55	\$11.39	22,116	1,530	33.4%	24.8%	10
11	Feb-19	500,000	805	4.7%	10.592	66.1	\$17.90	\$6.56	\$8.51	\$11.34	22,142	1,530	33.5%	23.3%	11
12	Jan-19	500,000	873	4.7%	10.648	64.7	\$17.70	\$7.33	\$7.78	\$10.37	22,322	1,540	34.7%	21.4%	12
13	Dec-18	505,000	856	4.7%	10.715	62.8	\$17.60	\$7.14	\$7.84	\$10.46	22,240	1,534	33.4%	17.0%	13
14	Nov-18	513,000	836	4.8%	10.775	62.4	\$18.00	\$6.71	\$8.47	\$11.29	22,394	1,543	35.3%	16.2%	14
15	Oct-18	516,000	859	4.8%	10.811	61.7	\$18.10	\$6.42	\$8.76	\$11.68	22,328	1,538	35.1%	15.1%	15
16	Sep-18	517,000	832	4.8%	10.850	61.7	\$17.10	\$6.09	\$8.26	\$11.01	22,360	1,541	35.5%	15.1%	16
17	Aug-18	519,000	882	4.8%	10.887	63.0	\$16.40	\$6.36	\$7.53	\$10.04	22,454	1,551	36.6%	18.1%	17
18	Jul-18	520,000	902	4.9%	10.911	64.3	\$16.20	\$5.93	\$7.70	\$10.27	22,340	1,546	36.3%	20.3%	18
19	Jun-18	521,000	904	4.9%	10.917	66.5	\$17.00	\$5.91	\$8.32	\$11.09	22,375	1,549	36.6%	25.1%	19
20	May-18	523,000	954	5.0%	10.919	67.6	\$16.70	\$5.99	\$8.04	\$10.71	22,405	1,552	36.9%	32.6%	20
21	Apr-18	524,000	930	5.1%	10.942	68.0	\$16.40	\$6.15	\$7.69	\$10.25	22,382	1,552	37.1%	33.1%	21
22	Mar-18	525,000	959	5.1%	10.960	67.7	\$16.00	\$6.09	\$7.43	\$9.91	22,474	1,558	37.6%	33.4%	22
23	Feb-18	525,000	861	5.1%	10.967	67.3	\$15.90	\$5.81	\$7.57	\$10.09	22,423	1,555	37.4%	31.3%	23
24	Jan-18	525,000	940	5.1%	10.964	66.4	\$17.00	\$6.11	\$8.17	\$10.89	22,463	1,557	42.2%	29.5%	24
25	Dec-17	525,000	916	5.1%	10.951	64.7	\$18.20	\$6.08	\$9.09	\$12.12	22,522	1,561	38.1%	22.4%	25
26	Nov-17	525,000	872	5.1%	10.946	63.6	\$18.70	\$6.15	\$9.42	\$12.55	22,411	1,555	37.4%	20.5%	26
27	Oct-17	525,000	898	5.1%	10.935	63.4	\$18.60	\$5.80	\$9.60	\$12.80	22,419	1,555	37.5%	17.6%	27
28	Oct-16	526,000	892	5.1%	10.797	62.9	\$17.70	\$6.43	\$8.45	\$11.27	22,248	1,527	30.0%	17.2%	28
29	Oct-15	530,000	880	5.1%	10.805	61.6	\$19.40	\$7.29	\$9.08	\$12.11	22,187	1,517	28.1%	15.9%	29

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
Cg Lst Yr	-11.3%	20.5%	0.8%	-2.2%	-6.9%	-10.3%	-13.1%	0.8%	-4.6%	0.3%	-2.8%	-0.8%	2.6%
Cg Lst Mn	-3.5%	8.4%	-1.8%	9.4%	-7.6%	-1.0%	-19.6%	0.1%	-0.2%	0.2%	-2.2%	-0.2%	-1.0%
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%
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%
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%
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%
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%
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%
Apr-19	187,310	65.1%	178	64.3%	21.8%	37.4%	22.2%	85	44.0%	25.0	49.8%	39.4%	37.9%
Mar-19	187,170	65.7%	174	71.0%	22.2%	37.2%	23.3%	85	43.8%	24.9	49.9%	39.7%	37.5%
Feb-19	196,300	62.3%	172	73.9%	21.3%	36.5%	21.7%	85	44.0%	25.0	50.1%	39.6%	37.5%
Jan-19	203,490	60.6%	171	73.7%	19.3%	36.5%	15.5%	85	43.7%	24.9	50.4%	39.3%	38.3%
Dec-18	209,930	57.1%	172	73.0%	17.4%	31.1%	12.2%	85	43.4%	24.9	49.7%	39.2%	39.2%
Nov-18	212,950	56.6%	175	69.2%	17.0%	38.3%	11.0%	86	44.2%	24.9	50.5%	37.8%	40.7%
Oct-18	240,260	47.9%	178	65.7%	17.8%	39.5%	12.6%	85	43.7%	24.9	49.7%	38.5%	40.2%
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%
Aug-18	248,010	44.3%	182	60.2%	19.9%	40.3%	17.3%	86	43.0%	24.9	50.6%	38.3%	41.8%
Jul-18	239,050	47.4%	182	58.8%	21.0%	40.1%	20.4%	86	43.5%	24.9	51.1%	38.3%	42.6%
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%
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%
Apr-18	191,380	63.4%	177	65.8%	21.7%	38.5%	22.2%	85	44.0%	24.9	50.2%	37.5%	43.6%
Mar-18	189,830	63.3%	173	71.5%	21.5%	39.1%	21.9%	85	44.5%	24.9	51.3%	37.4%	43.9%
Feb-18	196,840	61.2%	172	72.9%	21.2%	38.8%	20.9%	85	45.6%	24.9	50.2%	37.4%	44.9%
Jan-18	199,770	67.2%	172	81.9%	20.4%	42.6%	20.5%	85	49.8%	25.0	55.7%	37.1%	50.7%
Dec-17	199,260	59.4%	173	71.6%	19.9%	40.3%	17.3%	85	45.3%	25.0	50.5%	36.9%	44.9%
Nov-17	212,490	56.3%	175	68.6%	19.1%	37.3%	15.8%	85	44.7%	25.0	49.8%	36.9%	46.1%
Oct-17	225,820	51.1%	177	67.8%	17.9%	32.7%	12.8%	85	45.4%	25.0	49.0%	36.7%	46.3%
Oct-16	218,830	52.9%	178	65.2%	16.5%	35.8%	10.4%	85	43.4%	25.2	46.0%	36.0%	46.9%
Oct-15	223,040	51.1%	181	59.9%	17.6%	33.5%	12.0%	86	42.5%	25.4	41.5%	37.0%	44.0%

