



		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	-6.7%	-7.8%	-7.7%	-6.0%	-1.1%	23.8%	23.2%	24.2%	24.1%	-2.4%	-2.3%	-15.5%	-25.1%	1
2	Cg Lst Mn	-1.0%	-0.7%	-1.1%	-0.7%	-2.9%	6.6%	0.4%	10.6%	10.6%	-0.3%	-0.3%	-2.2%	-26.4%	2
3	Jul-19	485,000	832	4.5%	10.257	63.6	\$20.05	\$7.31	\$9.56	\$12.74	21,804	1,511	30.7%	15.2%	3
4	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%	4
5	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%	5
6	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%	6
7	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%	7
8	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%	8
9	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%	9
10	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%	10
11	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%	11
12	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%	12
13	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%	13
14	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%	14
15	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%	15
16	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%	16
17	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%	17
18	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%	18
19	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%	19
20	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%	20
21	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%	21
22	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%	22
23	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%	23
24	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%	24
25	Sep-17	525,000	869	5.1%	10.929	63.4	\$19.00	\$5.89	\$9.83	\$13.11	22,466	1,556	37.4%	19.2%	25
26	Aug-17	525,000	906	5.0%	10.919	64.0	\$19.20	\$6.07	\$9.85	\$13.13	22,366	1,549	35.9%	19.1%	26
27	Jul-17	525,000	908	5.0%	10.899	64.1	\$18.60	\$6.53	\$9.05	\$12.07	22,437	1,550	35.8%	20.2%	27
28	Jul-16	530,000	912	5.1%	10.797	63.8	\$16.90	\$6.07	\$8.12	\$10.83	22,315	1,532	30.4%	20.9%	28
29	Jul-15	530,000	917	5.2%	10.812	64.2	\$17.60	\$7.36	\$7.68	\$10.24	22,141	1,517	28.1%	21.3%	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	-2.5%	7.1%	2.7%	-12.5%	-1.4%	-8.2%	-5.4%	0.3%	-2.7%	-0.1%	-1.4%	0.9%	-6.7%
Cg Lst Mn	14.3%	-11.0%	0.4%	1.1%	-4.5%	-1.6%	-14.7%	-0.2%	-0.6%	-0.2%	3.7%	-0.9%	0.4%
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%
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%
Aug-17	246,350	45.3%	184	58.0%	19.9%	40.3%	18.1%	87	41.8%	25.0	49.2%	36.4%	46.8%
Jul-17	230,710	50.3%	187	51.2%	20.6%	42.2%	18.7%	86	42.9%	25.0	50.1%	36.4%	47.3%
Jul-16	219,800	52.9%	181	59.3%	21.2%	36.6%	20.8%	85	43.1%	25.2	45.0%	35.8%	48.4%
Jul-15	239,360	46.4%	183	56.3%	19.8%	35.8%	16.9%	87	41.1%	25.5	39.4%	36.9%	45.6%

