



		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	-2.0%	2.2%	0.9%	-2.6%	4.3%	-16.4%	5.5%	-32.1%	-32.1%	0.8%	1.6%	15.8%	43.2%
2	Cg Lst Mn	0.0%	-2.6%	0.9%	0.2%	0.6%	-19.0%	-2.3%	-32.3%	-32.3%	0.4%	0.6%	3.6%	1.7%
3	Apr-20	485,000	883	4.7%	10.153	69.8	\$15.30	\$7.48	\$5.71	\$7.61	22,204	1,548	38.1%	37.7%
4	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%	37.1%
5	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%	34.7%
6	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%	30.3%
7	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%	23.4%
8	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%	19.1%
9	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%	16.9%
10	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%	17.3%
11	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%
12	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%
13	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%
14	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%
15	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%	26.4%
16	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%	24.8%
17	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%	23.3%
18	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%	21.4%
19	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%	17.0%
20	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%	16.2%
21	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%	15.1%
22	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%
23	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%	18.1%
24	Jul-18	520,000	900	4.9%	10.870	64.2	\$16.20	\$5.93	\$7.70	\$10.27	22,340	1,546	36.3%	20.3%
25	Jun-18	521,000	896	4.9%	10.878	65.9	\$17.00	\$5.91	\$8.32	\$11.09	22,375	1,549	36.6%	25.1%
26	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%
27	Apr-18	524,000	930	5.1%	10.908	68.0	\$16.40	\$6.15	\$7.69	\$10.25	22,382	1,552	37.1%	33.1%
28	Apr-17	525,000	948	5.2%	10.883	69.2	\$17.60	\$6.28	\$8.49	\$11.32	22,411	1,546	34.8%	33.5%
29	Apr-16	530,000	925	5.2%	10.821	66.9	\$16.20	\$6.28	\$7.44	\$9.92	22,292	1,525	29.6%	30.9%

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	-3.1%	2.8%	-0.2%	-0.2%	3.5%	4.9%	5.7%	-1.0%	2.7%	0.7%	-11.4%	-5.6%	17.6%
2	Cg Lst Mn	0.1%	-0.4%	1.8%	-8.9%	0.4%	1.9%	-3.6%	-0.7%	-0.1%	-4.0%	-0.8%	-0.3%	-0.5%
3	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%
4	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%
5	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%
6	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%
7	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%
8	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%
9	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%
10	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%
11	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%
12	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%
13	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%
14	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%
15	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%
16	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%
17	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%
18	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%
19	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%
20	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%
21	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%
22	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%
23	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%
24	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%
25	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%
26	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%
27	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%
28	Apr-17	197,640	61.1%	181	60.0%	21.7%	47.5%	22.2%	85	45.0%	25.1	48.4%	36.7%	43.6%
29	Apr-16	191,570	63.6%	181	60.5%	20.8%	43.9%	19.3%	85	44.1%	25.4	42.2%	36.2%	46.8%



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