

Pennsylvania DHIA Herd Profile Tables

Holstein

	All Pennsylvania	RHA 12000-14500	RHA 14500-17000	RHA 17000-19500	RHA 19500-22000	RHA 22000-25000	RHA 25000+
Herd Breed / Number of Herds	4,581	493	1,427	1,772	681	84	5
Number of Cows	275,234	26,741	83,662	110,141	43,708	4,985	288
Number of Cows Per Herd	60.0	54.2	58.6	62.1	64.1	59.3	57.7
Milk Per Cow (Lbs)	17,312	13,472	15,895	18,157	20,407	22,815	26,416
%-Protein	3.17	3.13	3.16	3.17	3.17	3.16	3.09
Protein Per Cow (Lbs)	548	422	503	576	648	721	817
%-Fat	3.64	3.60	3.63	3.64	3.65	3.64	3.48
Fat Per Cow (Lbs)	630	486	578	662	745	830	920
Average Days in Milk Per Cow	316	309	313	317	320	321	326
Value for CWT Milk(\$)	14.70	14.61	14.69	14.71	14.74	14.67	14.79
Value for CWT Grain(\$)	7.99	8.15	8.02	7.91	8.02	8.17	9.32
Value for CWT Hay(\$)	4.37	4.01	4.29	4.53	4.58	4.71	3.95
Value for CWT Silage(\$)	1.52	1.47	1.48	1.53	1.56	1.71	1.51
Value for Pasture Per Day(\$)	.30	.33	.31	.29	.28	.27	.75
Value for Milk Per Cow(\$)	2,545	1,968	2,336	2,671	3,009	3,348	3,909
Feed Consumed Per Cow (Lbs)							
A: Grain	7,029	5,436	6,574	7,383	8,073	8,431	9,437
B: Hay	2,598	3,290	2,791	2,420	2,125	2,171	4,251
C: Silage	14,938	12,868	14,481	15,359	16,312	17,236	15,298
D: Day Pasture	64	81	72	61	50	35	14
Feed Cost Per Cow(\$)							
A: Grain	562	443	527	584	648	689	880
B: Hay	113	132	119	109	97	102	168
C: Silage	227	189	215	235	256	295	231
D: Pasture	20	27	22	18	14	9	11
Total Feed Cost Per Cow(\$)	923	791	886	948	1,016	1,096	1,291
Income Over Feed Costs(\$)	1,621	1,176	1,450	1,722	1,993	2,252	2,617
Grain to Milk Ratio	1: 2.4	1: 2.4	1: 2.4	1: 2.4	1: 2.5	1: 2.7	1: 2.7
Feed Cost Per CWT Milk(\$)	5.34	5.88	5.58	5.22	4.98	4.81	4.89
Avg Level For SCC Herds	392,001	497,737	420,977	362,698	309,150	338,408	389,250

Guernsey

	All Pennsylvania	RHA 7500-10000	RHA 10000-12000	RHA 12000-14000	RHA 14000+
Herd Breed / Number of Herds	68	9	23	23	11
Number of Cows	2,901	305	995	1,059	459
Number of Cows Per Herd	42.6	33.9	43.2	46.0	41.7
Milk Per Cow (Lbs)	12,065	9,136	11,099	13,054	14,944
%-Protein	3.53	3.42	3.56	3.54	3.50
Protein Per Cow (Lbs)	426	312	395	463	523
%-Fat	4.54	4.42	4.51	4.56	4.60
Fat Per Cow (Lbs)	548	404	501	596	688
Average Days in Milk Per Cow	314	302	316	314	318
Value for CWT Milk(\$)	16.03	16.19	16.03	15.90	16.22
Value for CWT Grain(\$)	7.73	7.08	7.56	8.48	7.00
Value for CWT Hay(\$)	4.73	4.56	4.88	4.56	4.89
Value for CWT Silage(\$)	1.48	1.39	1.46	1.54	1.47
Value for Pasture Per Day(\$)	.28	.13	.32	.24	.37
Value for Milk Per Cow(\$)	1,934	1,479	1,779	2,076	2,424
Feed Consumed Per Cow (Lbs)					
A: Grain	5,308	3,711	5,240	5,280	7,186
B: Hay	2,974	3,864	3,023	2,791	2,455
C: Silage	11,285	10,544	10,187	12,841	11,407
D: Day Pasture	99	75	97	117	95
Feed Cost Per Cow(\$)					
A: Grain	410	262	396	448	503
B: Hay	140	176	147	127	120
C: Silage	168	146	148	198	168
D: Pasture	28	10	31	29	35
Total Feed Cost Per Cow(\$)	747	596	724	803	827
Income Over Feed Costs(\$)	1,186	883	1,055	1,273	1,596
Grain to Milk Ratio	1: 2.2	1: 2.4	1: 2.1	1: 2.4	1: 2.0
Feed Cost Per CWT Milk(\$)	6.20	6.53	6.53	6.16	5.54
Avg Level for SCC Herds	373,095	408,000	346,636	326,619	441,636

Red & White

	Pennsylvania
Herd Breed / Number of Herds	8
Number of Cows	227
Number of Cows Per Herd	28.4
Milk Per Cow (Lbs)	16,529
%-Protein	3.21
Protein Per Cow (Lbs)	531
%-Fat	3.68
Fat Per Cow (Lbs)	609
Average Days in Milk Per Cow	314
Value for CWT Milk(\$)	14.81
Value for CWT Grain(\$)	7.70
Value for CWT Hay(\$)	4.12
Value for CWT Silage(\$)	1.38
Value for Pasture Per Day(\$)	.36
Value for Milk Per Cow(\$)	2,448
Feed Consumed Per Cow (Lbs)	
A: Grain	7,400
B: Hay	2,322
C: Silage	16,251
D: Day Pasture	76
Feed Cost Per Cow(\$)	
A: Grain	570
B: Hay	95
C: Silage	224
D: Pasture	27
Total Feed Cost Per Cow(\$)	918
Income Over Feed Costs(\$)	1,529
Grain to Milk Ratio	1: 2.4
Feed Cost Per CWT Milk(\$)	5.56
Avg Level for SCC Herds	362,571

Jersey

	All Pennsylvania	RHA 8000-10000	RHA 10000-12000	RHA 12000-14000	RHA 14000-16000	RHA 16000+
Herd Breed / Number of Herds	171	17	67	60	17	6
Number of Cows	7,942	1,069	3,052	2,632	774	330
Number of Cows Per Herd	46.4	62.9	45.5	43.8	45.5	55.1
Milk Per Cow (Lbs)	12,079	9,541	11,126	12,983	14,699	16,913
%-Protein	3.76	3.83	3.74	3.77	3.77	3.67
Protein Per Cow (Lbs)	454	365	417	489	555	622
%-Fat	4.75	4.78	4.70	4.78	4.85	4.63
Fat Per Cow (Lbs)	574	456	523	621	713	783
Average Days in Milk Per Cow	315	307	314	319	318	323
Value for CWT Milk(\$)	16.66	16.21	16.35	17.07	16.69	16.89
Value for CWT Grain(\$)	8.65	8.71	8.58	8.27	9.09	10.92
Value for CWT Hay(\$)	4.08	3.49	3.98	4.30	4.49	5.38
Value for CWT Silage(\$)	1.39	1.44	1.41	1.41	1.35	1.12
Value for Pasture Per Day(\$)	.25	.22	.26	.26	.28	.05
Value for Milk Per Cow(\$)	2,012	1,546	1,819	2,216	2,453	2,856
Feed Consumed Per Cow (Lbs)						
A: Grain	5,378	4,743	4,939	5,962	5,792	6,350
B: Hay	2,244	2,797	2,303	2,125	1,701	1,900
C: Silage	10,652	10,111	9,764	11,368	13,016	10,737
D: Day Pasture	89	99	112	70	72	26
Feed Cost Per Cow(\$)						
A: Grain	465	413	424	493	526	693
B: Hay	91	97	91	91	76	102
C: Silage	148	145	137	161	176	121
D: Pasture	23	22	29	18	20	1
Total Feed Cost Per Cow(\$)	729	678	683	764	800	918
Income Over Feed Costs(\$)	1,283	867	1,136	1,452	1,652	1,937
Grain to Milk Ratio	1: 2.2	1: 2.0	1: 2.2	1: 2.1	1: 2.5	1: 2.6
Feed Cost Per CWT Milk(\$)	6.04	7.12	6.14	5.89	5.45	5.43
Avg Level for SCC Herds	308,993	338,769	348,983	273,770	284,000	203,500

Ayrshire

	All Pennsylvania	RHA 11000-13500	RHA 13500-17000	RHA 17000+
Herd Breed / Number of Herds	35	17	16	2
Number of Cows	1,340	573	621	144
Number of Cows Per Herd	38.2	33.7	38.8	72.3
Milk Per Cow (Lbs)	14,067	12,124	14,686	19,110
%-Protein	3.35	3.36	3.33	3.37
Protein Per Cow (Lbs)	471	408	489	644
%-Fat	3.90	3.88	3.88	4.08
Fat Per Cow (Lbs)	550	470	569	781
Average Days in Milk Per Cow	306	301	308	318
Value for CWT Milk(\$)	15.00	14.89	15.01	15.25
Value for CWT Grain(\$)	9.28	8.69	9.71	9.29
Value for CWT Hay(\$)	5.26	4.47	6.30	5.01
Value for CWT Silage(\$)	1.43	1.40	1.41	1.58
Value for Pasture Per Day(\$)	.27	.32	.21	.21
Value for Milk Per Cow(\$)	2,111	1,805	2,206	2,915
Feed Consumed Per Cow (Lbs)				
A: Grain	5,241	4,532	5,606	6,485
B: Hay	3,175	3,857	2,797	2,098
C: Silage	11,184	8,371	12,137	18,236
D: Day Pasture	65	90	57	
Feed Cost Per Cow(\$)				
A: Grain	486	394	544	603
B: Hay	167	172	176	105
C: Silage	160	117	170	289
D: Pasture	17	29	12	
Total Feed Cost Per Cow(\$)	832	713	903	997
Income Over Feed Costs(\$)	1,279	1,092	1,302	1,917
Grain to Milk Ratio	1: 2.6	1: 2.6	1: 2.6	1: 2.9
Feed Cost Per CWT Milk(\$)	5.91	5.88	6.15	5.22
Avg Level for SCC Herds	253,560	291,083	237,570	112,000

By Jim Boyer, Data Processing

