

## Breed Averages for 2003

	State	Ayrshire	Brown		Holstein	Milking		Red and	Mixed	Goat
Number of herds	2,905	10	Swiss	Guernsey	2,476	Jersey	Shorthorn	White	breed	15
			18	16		50	7	3	325	

### Yearly Rolling Average:

Dollar Value	2,621	2,027	2,314	2,102	2,670	2,225	2,203	2,668	2,375	264
Cows per herd	90	27	36	31	96	48	32	55	67	51
% Cows in milk	87	84	85	88	87	86	87	86	86	77
Days in milk	193	182	193	226	194	182	174	175	192	173
Milk lbs.	19,839	14,969	16,223	14,052	20,331	14,248	16,577	20,914	17,653	1,960
% Fat	3.8	3.9	4.1	4.6	3.8	4.8	3.6	3.7	3.9	3.9
Fat lbs.	755	579	662	649	768	679	599	771	688	76
% Protein	3.1	3.2	3.4	3.4	3.1	3.6	3.2	2.9	3.1	3.1
Protein lbs.	610	475	545	477	621	511	529	617	552	62
SCC Count	390	275	431	420	390	393	282	251	394	1228
% SCC Positive	35	32	35	37	35	39	30	21	36	77
MLM lbs.	67	53	58	51	69	51	62	68	60	7

### Average Sire PTA:

Avg PTA Dollars, Service Sire	411	250	419	301	419	312	230	281	375	
Avg PTA Dollars, 1st lact.	285	175	239	201	289	234	207	137	268	-4
Avg PTA Dollars, Other cows	226	126	205	176	231	143	230	37	204	-1

### First Lact. vs. Other Lact. Cows:

Percent of herd 1st lact.	36	32	32	39	37	31	30	35	34	45
Avg Production Index, 1st lact.	100	103	99	102	100	103	109	99	100	99
Avg Production Index, other cows	100	98	101	98	100	98	99	101	100	101
Average age, 1st lact.	27	30	28	29	27	26	26	27	27	17
Average age, other cows	57	60	63	63	57	58	56	61	57	42
% Identified by sire, 1st lact.	70	87	87	96	71	85	98	84	63	96
% Identified by sire, other cows	72	83	93	98	72	81	99	96	66	94
Avg peak lbs, 1st lact	70	59	57	56	71	52	58	72	63	8
Avg peak lbs, other cows	89	74	74	63	91	64	78	100	81	11
Peak ratio	1	9.25	0.81	0.89	0.97	0.83	0.86	0.72	1.01	0.73
% Leaving herd, 1st lact	11	15	14	15	11	10	9	9	11	30
% Leaving herd, other cows	32	18	23	34	32	38	26	20	32	42

### Cows Dry before Calving:

Average days dry	66	73	67	66	65	64	59	73	67	98
% Dry less than 40 days	10	9	6	4	10	8	15	1	10	10
% Dry 40 - 70 days	66	64	73	80	66	73	60	75	62	32
% Dry more than 70 days	24	27	21	15	24	19	26	25	28	57

### Reproduction:

Minimum calving interval **	15.2	14.9	15.2	15.9	15.2	14.5	14.3	14.1	15.2	13.1
Apparent waiting period	64	101	58	71	64	54	72	61	64	147
Avg days to 1st heat **	90	83	92	97	90	85	97	91	89	204
Avg days to 1st breeding **	117	141	105	109	117	99	103	93	119	236
Avg days open **	176	167	176	198	177	155	150	144	176	252
Conception rate	48	65	43	37	48	51	60	46	51	75
Heat detection index	42	66	42	45	42	41	71	49	39	30
% Cows in heat by 60 days	16	10	18	17	16	20	5	15	18	0
% Repeat breeders	27	11	33	36	28	22	26	32	24	6

\*\* Includes data from pregnant cows, possibly pregnant cows and problem cows