

Michigan State University herd DHI data

This herd was a National Dairy Quality Award Platinum award winner for 2008 and 2009 SCC data. The herd cull rate was 45.7% for 2009. The data below is a sample DHI datasheet for the herd in December 2009 showing that there are 12 cows with an SCC over 200,000 which represents about 10% of the herd.

over 200,000 # over 300,000

12 8

% over 200,000 % over 300,000

9.6 6.4

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                                34330002
>                                MSU DAIRY
> DEPT
>
>
>                                4075 COLLEGE
> ROAD
>                                LANSING
> MI 48910-0000
> Universal Lab                  ***** HOT SHEET ***** Page 1
> 34330002    125 samples    collected 12-29-09    tested 12-30-09
>
> Index Barn Milk Fat Pro SCC Count DIM Lac CAR B#
> 3851 3851 77.0 6.7 3.9 1.9 47 7 7 1
> 3939 3939 80.0 6.2 2.7 0.6 19 10 6 1
> 3959 3959 89.4 3.5 2.9 2.0 50 299 6 6
> 3990 3990 104.8 3.5 3.0 1.8 44 151 6 5
> 3997 3997 100.7 3.9 3.2 4.2 230 88 6 4
> 4072 4072 74.5 3.8 3.4 3.4 132 272 5 11
> 4085 4085 110.6 4.4 3.2 0.4 17 111 5 4
> 4098 4098 122.0 2.9 2.9 1.8 44 137 5 5
> 4103 4103 122.3 2.5 2.7 2.0 50 86 5 5
> 4106 4106 94.8 3.9 3.3 2.9 93 180 5 5
> 4120 4120 116.0 3.4 2.8 0.4 17 43 5 4
> 4121 4121 106.9 4.0 3.2 1.8 44 176 5 5
> 4143 4143 134.6 3.9 2.8 0.0 13 107 4 4
> 4156 4156 27.3 4.5 3.8 4.3 246 386 3 5
> 4159 4159 129.2 4.3 2.7 0.0 13 119 4 4
> 4171 4171 81.2 4.1 3.3 3.2 115 230 4 6
> 4175 4175 124.2 4.2 2.8 0.0 13 82 4 4
> 4177 4177 89.7 4.8 3.3 2.1 54 235 4 6
> 4183 4183 108.0 4.1 3.1 5.5 566 45 4 4
> 4184 4184 112.0 3.8 2.7 0.4 17 35 4 4
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>	4208	4208	80.0	7.1	3.5	2.1	54	8	4	1
>	4217	4217	84.2	3.7	3.5	1.2	29	322	3	5
>	4219	4219	101.0	3.3	3.2	0.0	13	150	4	5
>	4226	4226	88.7	2.6	3.1	2.0	50	175	4	5
>	4230	4230	82.2	4.5	4.0	1.2	29	249	3	11
>	4244	4244	139.0	4.1	2.8	3.0	100	52	4	4
>	4247	4247	109.5	3.7	3.1	2.7	81	235	3	5
>	4257	4257	129.9	3.9	2.6	0.9	23	35	4	4
>	4258	4258	123.2	4.6	2.7	3.2	115	176	3	4
>	4264	4264	81.8	4.8	3.7	3.2	115	194	3	9
>	4274	4274	53.6	3.4	3.4	2.7	81	262	3	9
>	4279	4279	79.3	4.6	3.8	0.9	23	223	3	11
>	4280	4280	113.2	2.3	2.9	3.0	100	113	3	4
>	4283	4283	80.6	4.1	3.3	2.7	81	229	3	5
>	4285	4285	77.0	2.9	3.0	6.5	1131	259	3	5
>	4290	4290	115.2	3.2	3.2	0.0	13	128	3	5
>	4296	4296	79.4	4.7	3.5	3.2	115	189	3	5
>	4297	4297	115.5	3.8	3.1	0.7	20	126	3	5
>	4299	4299	103.6	3.3	3.0	3.6	152	165	3	5
>	4300	4300	95.3	4.0	3.4	0.5	18	187	3	11
>	4305	4305	96.3	4.1	3.1	0.0	13	157	3	5
>	4312	4312	142.4	3.7	2.8	0.0	13	112	3	4
>	4318	4318	104.5	1.9	2.8	1.7	41	129	3	4
>	4327	4327	96.9	3.5	2.9	0.0	13	49	3	4
>	4330	4330	85.0	4.0	3.1	1.1	27	12	3	6
>	4333	4333	88.2	4.1	2.8	0.0	13	23	3	1
>	4335	4335	93.9	5.2	3.1	0.5	18	12	3	6
>	4339	4339	59.5	5.1	4.1	1.4	33	300	2	9
>	4346	4346	86.2	4.5	3.4	2.2	57	213	2	5
>	4349	4349	104.3	4.3	3.2	2.0	50	131	2	4
>	Universal Lab ***** HOT SHEET ***** Page 2									
>	34330002	125 samples	collected	12-29-09	tested	12-30-09				
>	Index Barn Milk Fat Pro SCC Count DIM Lac CAR B#									
>	4351	4351	41.6	3.9	3.8	3.0	100	294	2	5
>	4353	4353	86.8	4.3	3.2	0.7	20	232	2	11
>	4355	4355	74.9	3.8	3.6	1.4	33	166	2	11
>	4357	4357	99.5	2.4	3.0	2.4	66	210	2	6
>	4362	4362	72.7	4.0	3.4	1.2	29	193	2	11
>	4364	4364	74.7	4.3	3.3	0.7	20	248	2	9
>	4365	4365	91.0	3.3	3.3	2.2	57	232	2	6
>	4366	4366	135.2	3.8	2.8	0.4	17	103	2	4
>	4368	4368	119.0	3.1	3.1	1.9	47	191	2	5
>	4371	4371	109.3	2.1	2.7	0.0	13	105	2	4
>	4378	4378	76.5	3.7	3.1	1.2	29	203	2	11
>	4380	4380	86.4	4.2	3.3	0.0	13	106	2	4
>	4382	4382	79.0	4.9	4.0	1.9	47	160	2	11
>	4383	4383	113.0	4.0	2.7	0.9	23	22	2	1
>	4385	4385	123.9	2.8	2.6	0.0	13	53	2	4
>	4387	4387	102.0	4.2	3.0	0.0	13	117	2	4

>	4391	4391	98.8	5.9	3.4	0.6	19	10	2	6
>	4392	4392	105.9	3.1	3.1	0.1	13	67	2	4
>	4393	4393	121.7	2.9	2.6	0.0	13	95	2	4
>	4395	4395	90.0	5.1	3.1	3.1	107	18	2	1
>	4397	4397	29.3	4.8	3.9	4.8	348	475	1	5
>	4399	4399	119.8	3.5	2.8	0.0	13	70	2	4
>	4403	4403	66.0	4.1	3.1	0.0	13	27	2	1
>	4404	4404	80.0	5.8	3.4	0.5	18	16	2	1
>	4405	4405	135.0	2.6	2.6	0.2	14	55	2	4
>	4406	4406	67.0	4.7	3.8	0.7	20	11	2	6
>	4407	4407	98.0	5.0	3.2	0.1	13	18	2	1
>	4408	4408	68.7	4.9	4.0	0.1	13	322	1	9
>	4410	4410	71.6	4.2	3.7	0.8	22	299	1	9
>	4414	4414	68.2	4.4	3.5	1.0	25	329	1	9
>	4416	4416	99.6	5.1	3.0	0.9	23	19	2	1
>	4417	4417	115.0	3.4	2.9	2.3	62	180	1	5
>	4420	4420	90.5	4.4	3.1	0.0	13	270	1	11
>	4423	4423	33.8	3.7	3.3	2.8	87	293	1	5
>	4426	4426	52.1	3.8	3.0	0.7	20	301	1	5
>	4428	4428	89.2	3.6	3.4	0.0	13	296	1	11
>	4429	4429	69.5	4.4	3.4	0.0	13	265	1	5
>	4430	4430	63.5	5.7	3.7	0.8	22	263	1	9
>	4433	4433	71.3	4.2	3.2	3.0	100	159	1	9
>	4434	4434	67.9	4.3	3.6	0.0	13	227	1	9
>	4438	4438	65.0	4.5	3.6	0.0	13	227	1	9
>	4439	4439	90.0	3.2	3.2	1.0	25	161	1	4
>	4440	4440	61.5	2.6	3.5	2.2	57	161	1	11
>	4442	4442	81.9	4.2	3.4	2.9	93	240	1	11
>	4444	4444	65.6	4.2	3.7	0.9	23	207	1	9
>	4445	4445	69.0	4.3	3.8	0.3	15	197	1	9
>	4446	4446	75.8	3.7	3.1	1.4	33	232	1	11
>	4448	4448	67.8	3.9	3.5	2.4	66	203	1	9
>	4450	4450	76.9	4.4	3.5	0.0	13	194	1	11
>	4451	4451	97.2	5.7	2.9	1.3	31	171	1	11
>	Universal Lab ***** HOT SHEET ***** Page 3									
>	34330002 125 samples collected 12-29-09 tested 12-30-09									
>	Index Barn Milk Fat Pro SCC Count DIM Lac CAR B#									
>	4452	4452	93.1	3.6	3.0	1.2	29	180	1	11
>	4453	4453	91.9	4.3	3.3	0.0	13	169	1	4
>	4454	4454	96.7	2.6	3.2	0.0	13	151	1	11
>	4456	4456	82.9	4.8	3.5	1.8	44	203	1	6
>	4457	4457	77.2	4.2	3.6	1.9	47	152	1	4
>	4458	4458	81.7	3.2	3.3	0.7	20	158	1	4
>	4459	4459	69.3	3.9	3.3	1.7	41	131	1	4
>	4460	4460	113.9	2.5	2.9	1.1	27	105	1	4
>	4464	4464	86.8	4.1	3.6	0.0	13	129	1	4
>	4465	4465	87.6	2.1	3.0	0.3	15	132	1	5
>	4466	4466	94.6	2.4	3.2	0.0	13	124	1	4
>	4467	4467	94.2	2.1	2.9	0.2	14	129	1	4

> 4468 4468 90.0 2.6 2.7 0.8 22 124 1 4
 > 4472 4472 54.0 7.6 3.3 5.5 566 2 1 1
 > 4474 4474 87.2 3.3 2.8 0.0 13 44 1 4
 > 4475 4475 80.9 4.6 3.0 0.7 20 22 1 4
 > 4476 4476 79.2 3.8 3.3 3.2 115 83 1 4
 > 4477 4477 40.0 6.3 4.1 3.8 174 5 1 1
 > 4478 4478 43.0 6.8 4.4 3.9 187 4 1 1
 > 4479 4479 101.4 3.5 2.6 0.0 13 48 1 4
 > 4481 4481 106.1 4.1 2.7 0.4 17 50 1 4
 > 4482 4482 100.7 3.3 2.7 0.0 13 52 1 4
 > 4483 4483 68.2 3.4 2.9 3.6 152 47 1 4
 > 4486 4486 42.0 5.7 4.4 2.7 81 4 1 1
 > 4487 4487 80.2 4.1 2.9 1.7 41 33 1 4

>
 > Avg 125 cows 89.2 4.0 3.2 1.4 147
 >

> Highest 20 SCC Cows Weighted Average SCC:

57

>
 > Index Barn Milk Fat Pro SCC Count DIM Lac CAR W/O %Cells
 > 4285 4285 77.0 2.9 3.0 6.5 1131 259 3 50 13.6
 > 4183 4183 108.0 4.1 3.1 5.5 566 45 4 45 9.6
 > 4472 4472 54.0 7.6 3.3 5.5 566 2 1 42 4.8
 > 3997 3997 100.7 3.9 3.2 4.2 230 88 6 40 3.6
 > 4299 4299 103.6 3.3 3.0 3.6 152 165 3 39 2.5
 > 4258 4258 123.2 4.6 2.7 3.2 115 176 3 38 2.2
 > 4244 4244 139.0 4.1 2.8 3.0 100 52 4 38 2.2
 > 4280 4280 113.2 2.3 2.9 3.0 100 113 3 37 1.8
 > 4483 4483 68.2 3.4 2.9 3.6 152 47 1 36 1.6
 > 4397 4397 29.3 4.8 3.9 4.8 348 475 1 35 1.6
 > 4072 4072 74.5 3.8 3.4 3.4 132 272 5 35 1.5
 > 4395 4395 90.0 5.1 3.1 3.1 107 18 2 34 1.5
 > 4264 4264 81.8 4.8 3.7 3.2 115 194 3 33 1.5
 > 4171 4171 81.2 4.1 3.3 3.2 115 230 4 33 1.5
 > 4296 4296 79.4 4.7 3.5 3.2 115 189 3 32 1.4
 > 4476 4476 79.2 3.8 3.3 3.2 115 83 1 31 1.4
 > 4247 4247 109.5 3.7 3.1 2.7 81 235 3 31 1.4
 > 4106 4106 94.8 3.9 3.3 2.9 93 180 5 30 1.4
 > 4478 4478 43.0 6.8 4.4 3.9 187 4 1 29 1.3

> Universal Lab ***** HOT SHEET ***** Page 4

> 34330002 125 samples collected 12-29-09 tested 12-30-09

>
 > Highest 20 SCC Cows Weighted Average SCC:

57

>
 > Index Barn Milk Fat Pro SCC Count DIM Lac CAR W/O %Cells
 > 4442 4442 81.9 4.2 3.4 2.9 93 240 1 29 1.2