

Survival Analysis Report (DHI-232)



Better Analysis of Herd Survival Can Improve Your Bottom Line

- Am I losing too many fresh cows or fresh heifers?
- Are there seasonal patterns to my losses of fresh cows?
- Why are my fresh cows leaving?

SURVIVAL ANALYSIS		Test Date: 06-02-2009										55-99-9999										Page 1 of 4				
DHI-232		Processed: 06-03-2009										HENRY SMITH														
Month of Calving	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009														
30 Day %	6.9	11.1	7.8	10.3	11.9	5.6	4.0	4.6	1.6	8.7	3.7															
60 Day %	10.3	12.7	10.9	10.3	15.3	7.0	5.3	6.1	3.2	8.7																
Days	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left
1-30	29	2	63	7	64	5	68	7	59	7	71	4	76	3	66	3	62	1	23	2	27	1	22	2		
31-60	27	1	56	1	59	2	61		52	2	67	1	73	1	63	1	61	1	21		26	1				
61-90	26		55	1	57	2	61	2	50		66	1	72	1	62	2	60	1	21	1						
91-120	26	1	54	1	55		59	3	50		65	1	71	2	60	1	59	1								
121-150	25		53	2	55	1	56		50	1	64	3	69	1	59											
151-180	25		51		54	1	56	1	48	3	61	1	68													
181-210	25		51	3	53	1	55		45	1	60															
211-240	25	1	48	1	52	2	55	1	44	1																
241-270	24	1	47	1	50	2	54																			
271-300	23		46	3	48	2																				
301-330	23		43	1																						
331-360	23	1																								

Lactation 2+	
% Left by 30 Days	7.0
% Left by 60 Days	8.7

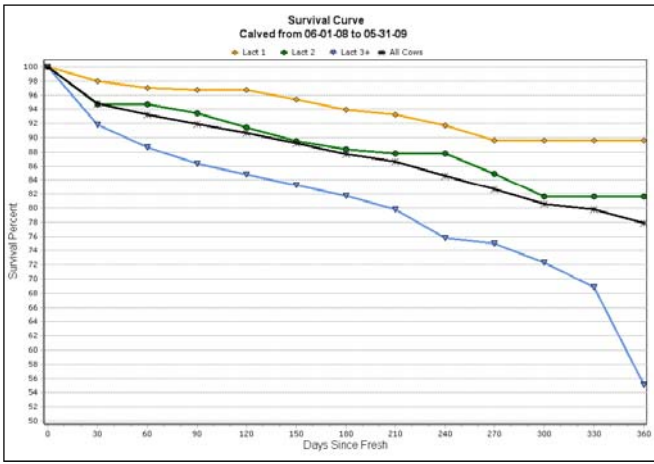
Month of Calving	Jun 2008	Jul 2008	Aug 2008	Sep 2008	Oct 2008	Nov 2008	Dec 2008	Jan 2009	Feb 2009	Mar 2009	Apr 2009	May 2009														
30 Day %	4.6	3.6	4.2	8.0					4.0		4.0															
60 Day %	9.1	3.6	8.3	12.0					4.0																	
Days	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left	InHerd	Left
1-30	22	1	28	1	24	1	25	2	30		37		34		34		25	1	30		25	1	31			
31-60	21	1	27		23	1	23	1	30		37		34		34		24		30		24					
61-90	20		27		22		22		30		37	1	34		34		24		30							
91-120	20		27		22		22		30		36		34		34		24									
121-150	20		27	1	22		22		30	1	36		34	1	34											
151-180	20		26		22		22	2	29	1	36		33													
181-210	20		26		22	1	20		28		36															
211-240	20		26		21	1	20	1	28																	
241-270	20		26	2	20		19																			
271-300	20		24		20																					
301-330	20		24																							
331-360	20																									

Lactation 1	
% Left by 30 Days	2.0
% Left by 60 Days	3.2

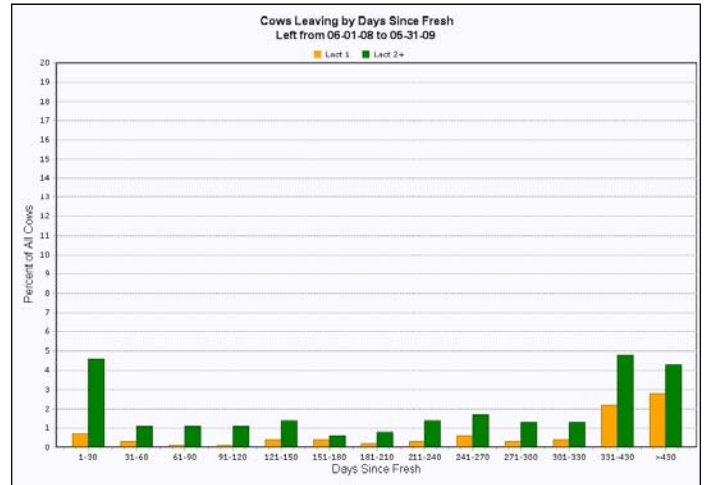
The count of cows "Left" does not include sold for dairy.

Page 1 - Survival Chart

- Cows are separated by lactation (1st and 2nd+) and are grouped by month of calving
- At the top of each column, the percent of cows leaving by 30 DIM (days in milk) and 60 DIM are listed
- Cows remaining in the herd are listed by days in milk for each column (month of calving)
- Rolling Left by 30 or 60 Day % (at lower right) are calculated using all cows in the last 365 days
- Use this chart to identify season and crowding issues that affect culling practices



Page 2 - Survival Curve



Page 3 - Bar Graph

Page 2 - Survival Curve

- A curve is generated using cows survived divided by the total calved in the last 12 months
- Four curves represent lactation 1, lactation 2, lactation 3+, and all cows
- The curves accurately represent the fraction of cows remaining in the herd by DIM

Page 3 - Bar Graph

- All cows leaving herd in the last 12 months are displayed as a percentage of the total cows in the herd by DIM and lactation group
- Population in this graph is based on the rolling yearly average number of cows in the herd
- Bars exceeding 2% in any range indicates excessive turnover; however, turnover usually increases for cows in late lactation

Reasons Left by Days Since Fresh Left from 06-01-08 to 05-31-09											
Lact 2+	Feet & Legs	Dairy	Low Prod	Repro	Injury/ Other	Died	Mastitis	Disease	Udder	Not Reported	Totals
1-30	4		7			23	2	7	1		44
31-60	2		1			3	3	2			11
61-90						8	2	1			11
91-120	1		2			2	1	4	1		11
121-150	2	1	1		1	3	3	3			14
151-180	1		2	1		1	1				6
181-210			1	1		3	1	1	1		8
211-240	3		1	1		1	4	3			13
241-270	5		3	4			1	2	1		16
271-300			5	6		1					12
301-330	1			3	1	3	3			1	12
331-430	2		2	25		11		2	4		46
> 430	2		1	27		5	4		2		41
Totals	23	1	26	68	2	64	25	25	11		245
Dry			1	3	1	13	1	2			21

Total Cows		% Left by		Monthly
Test Day	RHA	30 Day	60 Day	Turnover Rate
969	963.1	5.3	6.7	2.9

Lact 1	Feet & Legs	Dairy	Low Prod	Repro	Injury/ Other	Died	Mastitis	Disease	Udder	Not Reported	Totals
1-30						2	3		2		7
31-60					1	1		1			3
61-90							1				1
91-120						1					1
121-150	1				1	1	1				4
151-180					1	2		1			4
181-210				1		1					2
211-240				1	1			1			3
241-270	1			3	1		1				6
271-300				1		2					3
301-330	1			2		1					4
331-430			1	18		1			1		21
> 430			1	24		2					27
Totals	3	2	50	5	13	7	7	3	3		86
Dry				4		2			1		7

Page 4 - Reasons Left

- The final chart displays cows left in the last 12 months by primary reason
- Data is summarized by DIM and lactation group to accurately express when turnover occurred
- Total cows dry prior to leaving are listed for each reason
- Test day and rolling average numbers of cows are also listed
- Rolling 30 and 60 Day % Left are calculated for the entire herd



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