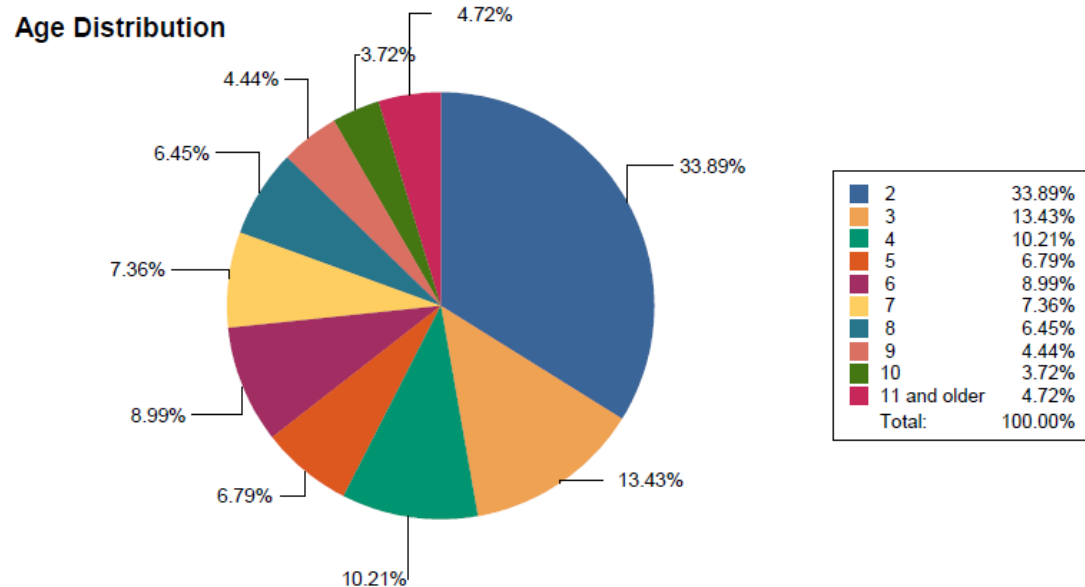
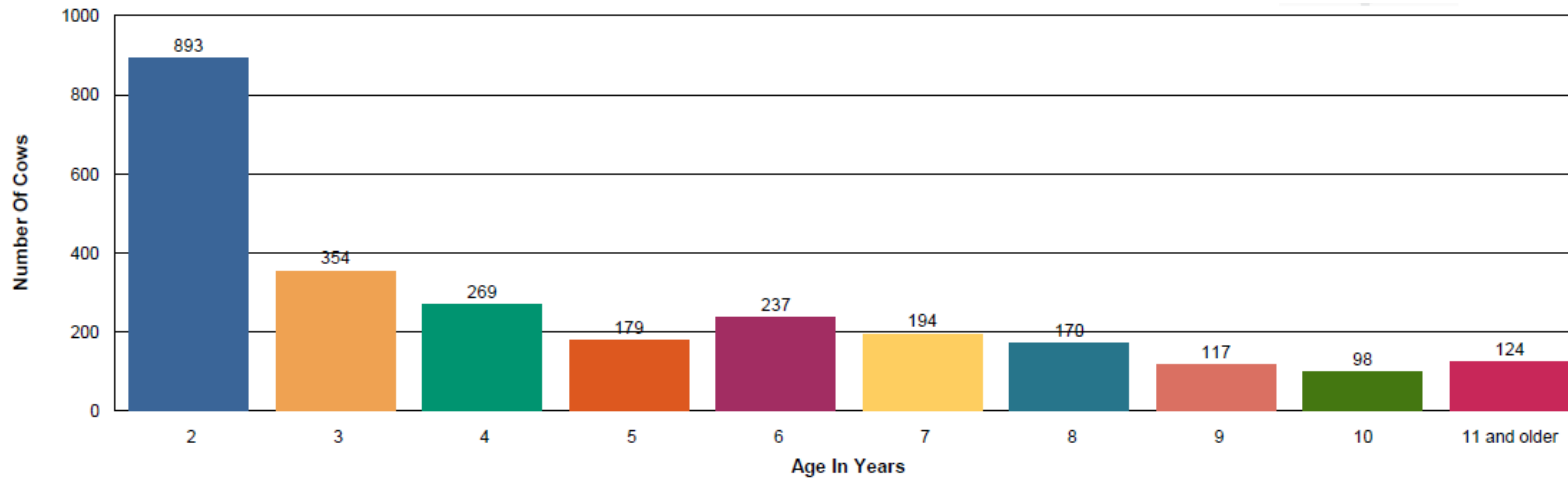


Female Age Distribution Report

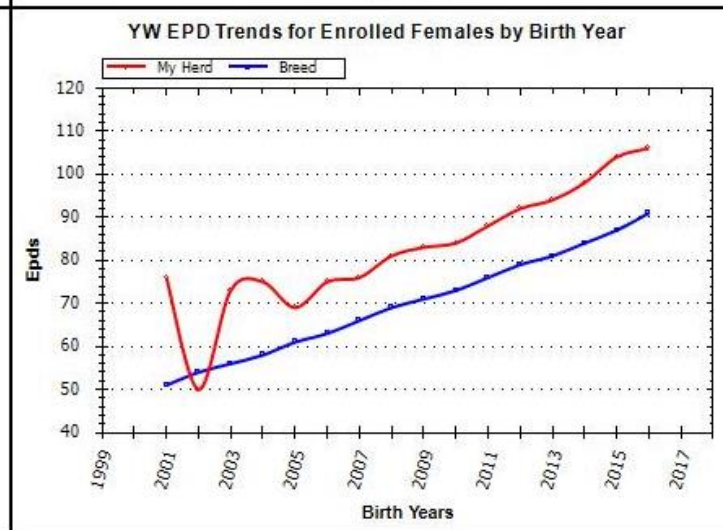
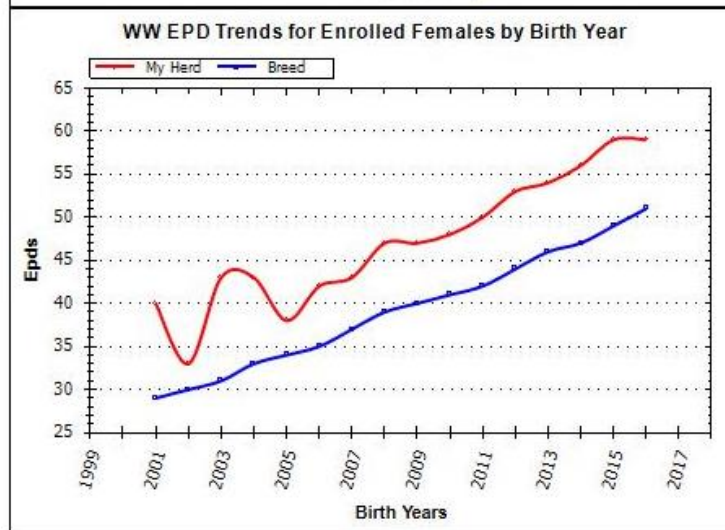
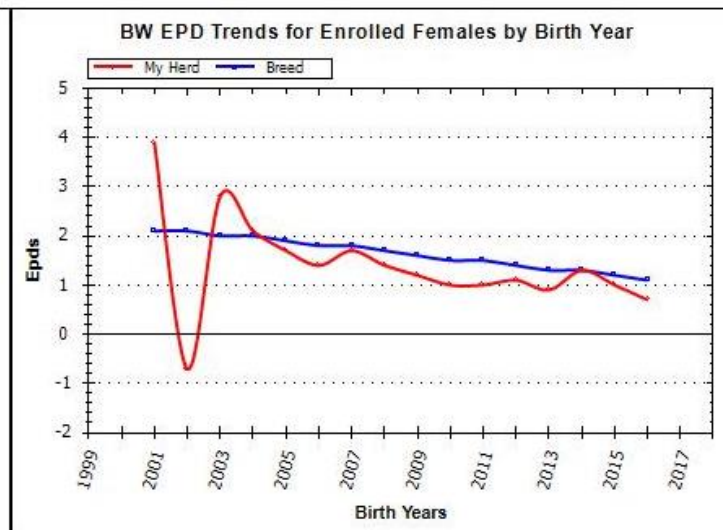
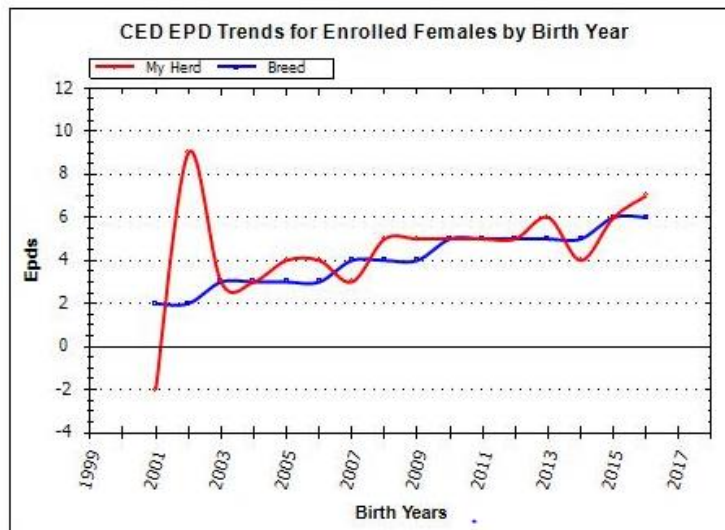
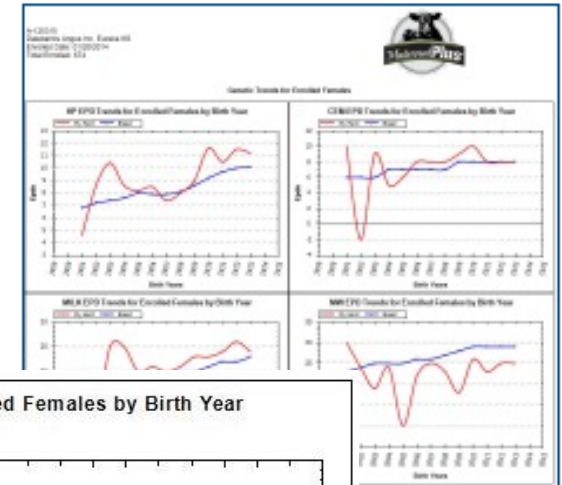
MaternalPlus features a Female Age Distribution Report available to participants that have completed program enrollment. For enrolled females, this report provides age categories in bar graph and pie chart formats for a quick and easy reference to your cow herd age distribution. Herd demographics can be used to plan future production and marketing strategies. The distribution of young females can be reviewed to assess heifer replacement rate.



Genetic Trends for Enrolled Females

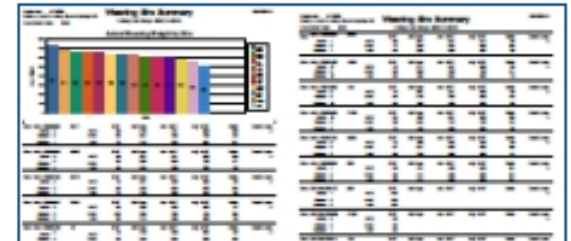
MaternalPlus participants have access to real-time genetic trend lines by trait for enrolled females. A genetic trend line tracks the average EPD by cow birth year and plots these averages across the available years associated with the enrolled females. These trends are available when MaternalPlus enrollment is completed. The graphs feature the American Angus Association breed genetic trend line as an additional reference point with each trait.

Traits can be selected individually or in suites (production, maternal, and carcass) for the formation of genetic trend lines. EPD trends can provide an indication of trait emphasis over time, along with drawing attention to breeding program strengths or focus areas.



Weaning Sire Summary Report

The sire summary report provides an overview of the sire battery's impact on a calf crop, based on actual calf weaning weights. Each sire is given a section describing the phenotypic impact on the set of calves in an enrollment year, or in a customized calving window provided by the participant.

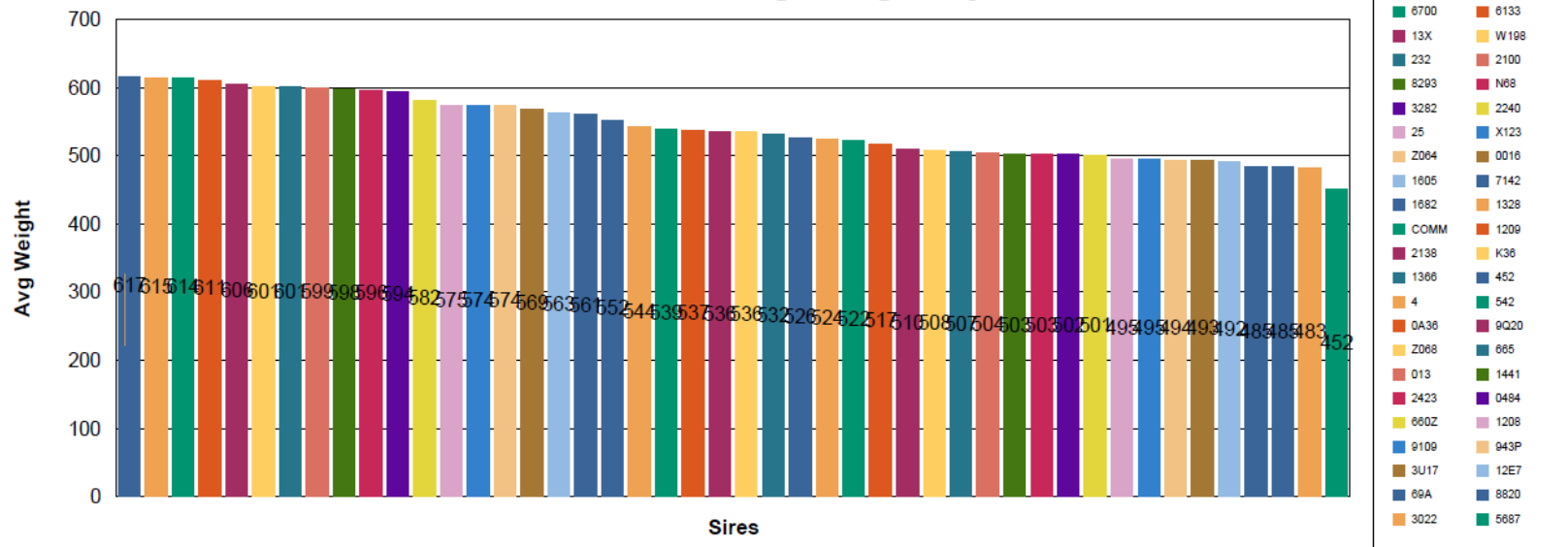


03/02/2017

Weaning Sire Summary

Calving Date Range: 1/27/16 to 1/26/17

Actual Weaning Weight by Sire

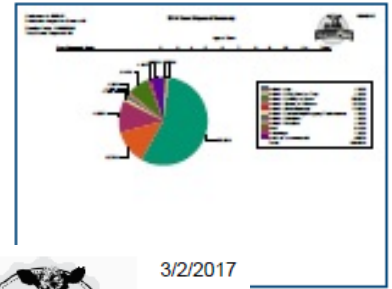


Sire:	3436		BWT	Calf Age	Act. WWT	Adj. WWT	Ratio	Death Loss
Bulls	17	AVG	81	178	617	692	100	1
Steers	0	MAX	88	187	769	907	123	
Heifers	11	MIN	60	159	466	515	85	

Sire:	A473		BWT	Calf Age	Act. WWT	Adj. WWT	Ratio	Death Loss
Bulls	10	AVG	78	178	615	689	102	1
Steers	0	MAX	85	186	728	807	109	
Heifers	8	MIN	74	165	450	519	95	

Dam Disposal

Tracking of dam disposal codes for an enrolled herd is a key element to the MaternalPlus program. More importantly, these documented reasons for why a cow exits herd productivity can provide insight into management strategies and potential genetic indicators in the future. The disposal report presents the distribution of disposal reasons across the enrolled females, as well as by cow age. In particular, the breakdown by two-year-old females may serve as an indicator of success areas or production problems to address.

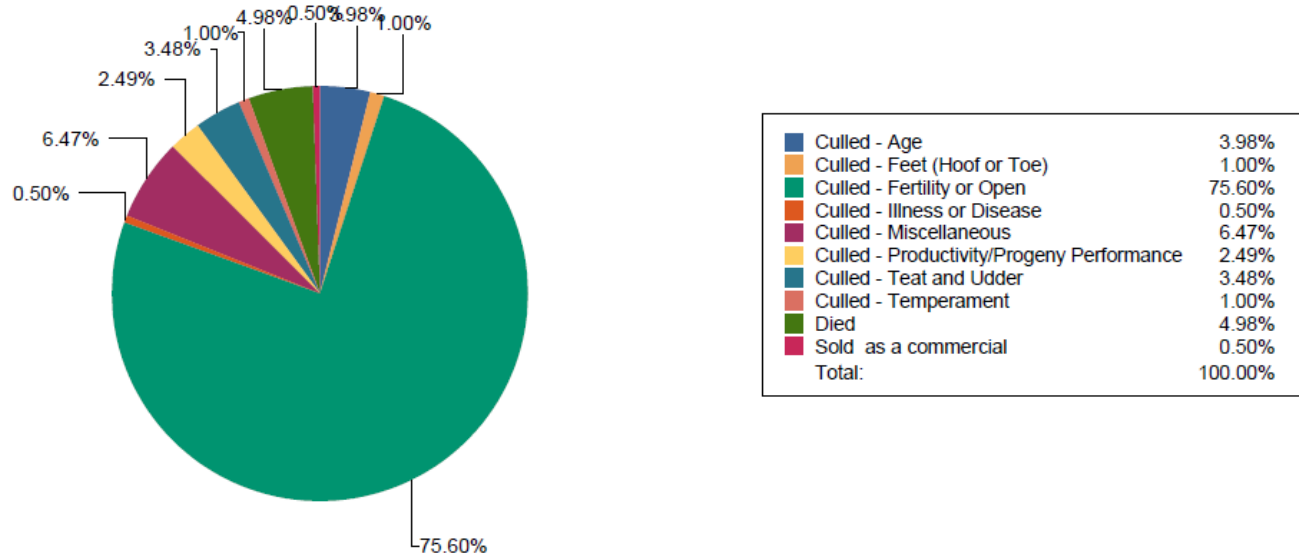


2016 Dam Disposal Summary



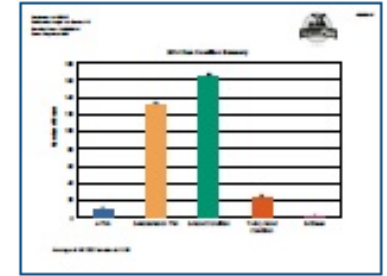
3/2/2017

Dam Disposal Code	Age of Dam											Total
	2	3	4	5	6	7	8	9	10	11+		
Culled - Age	0	1	0	1	0	0	0	0	0	0	6	3.98%
Culled - Feet (Hoof or Toe)	0	1	0	0	0	0	1	0	0	0	0	1.00%
Culled - Fertility or Open	24	11	4	16	9	16	23	13	19	17	75.62%	75.62%
Culled - Illness or Disease	0	1	0	0	0	0	0	0	0	0	0	0.50%
Culled - Miscellaneous	2	0	1	0	2	1	2	1	1	3	6.47%	6.47%
Culled - Productivity/Progeny Performance	1	1	0	1	0	0	0	0	0	2	2.49%	2.49%
Culled - Teat and Udder	2	0	0	2	0	1	1	0	0	1	3.48%	3.48%
Culled - Temperament	2	0	0	0	0	0	0	0	0	0	0	1.00%
Died	0	2	0	2	0	1	2	1	0	2	4.98%	4.98%
Sold as a commercial	0	0	0	0	0	0	1	0	0	0	0.50%	0.50%
Totals	31	17	5	22	11	19	30	15	20	31		

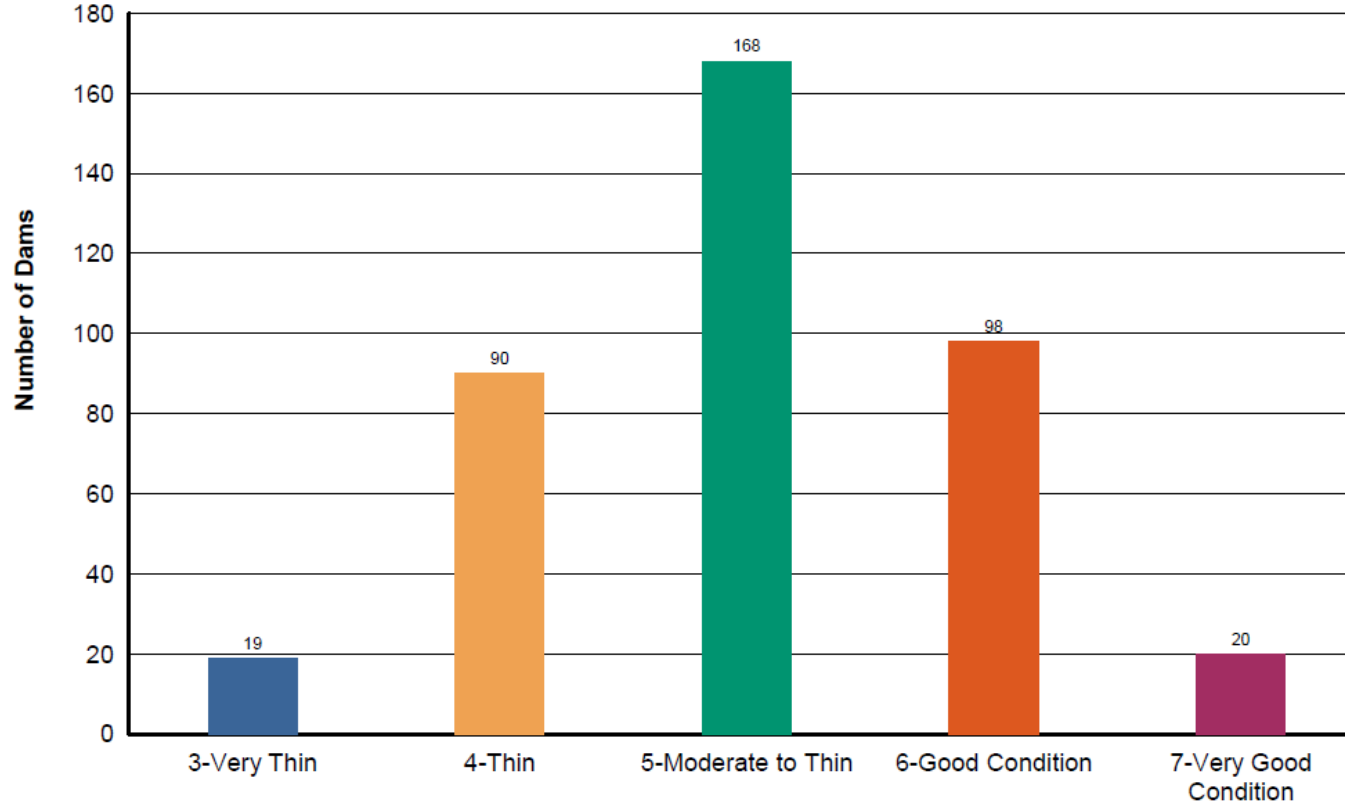


Cow Condition Summary

MaternalPlus reports include a body condition score distribution for enrolled females. Reported on a 1 to 9 scale, these body condition score averages and frequency counts are associated with cow herd productivity. Cows with desirable body condition scores at calving and breeding, on the average, tend to outperform their thinner contemporaries. Condition scores in the area of 'score 6' are typically targeted to assist in better managing reproductive efficiency in the herd. Scores closer to 1 tend to be extremely thin with potential for rebreeding challenges from lack of body condition reserves. In contrast, higher numerical condition scores above 'score 7' may not be economical to feed and maintain. To learn more about body condition scores go to <http://www.cowbcs.info/aboutbcs.html>



2016 Dam Condition Summary



Average of All 395 Females is: 5.05

Calf Death Loss Summary

MaternalPlus participants can review calf death loss trends for their herd based on the enrollment year or specified calving timeframe. Profit to the cow-calf operation is impacted by live calves during the preweaning phase. The summary stratifies calf death loss categories overall and by dam age.

**Herd Summary
Calf Death Loss**
Calving Date Range 01/27/16 to 01/26/17

Calf Death Loss	Age of Dam										Total
	2	3	4	5	6	7	8	9	10	11+	
Born alive, died before wn - Disease	1	1	0	1	0	0	1	0	0	0	4
Born alive, died before wn - Other	0	0	0	1	2	0	2	0	0	0	5
Born alive, died before wn - Weather	1	0	0	0	2	0	0	0	0	0	3
Died at birth - Defect	0	0	0	0	0	0	0	0	0	0	0
Died at birth - Other	1	5	2	3	3	2	0	0	0	0	16
Stillborn, carried full term	1	0	0	0	0	1	0	0	0	0	2
Totals	4	6	2	5	7	3	3	0	0	0	30

Calf Death Loss Percentage

