

Performance Data Collection, Interpretation and Utilization

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Topics of Discussion

- Your job as a purebred breeder
 - Provide accurate data to best describe the animal
 - Actual data
 - Adjusted data
 - Genetic Marker data
 - EPD values
 - Begins with contemporary Groups

Contemporary Group

- A contemporary group is a group of animals with the same:
 - Herd
 - Sex
 - Birth Season
 - Weigh date
 - Management
- The largest contemporary group is at birth. All subsequent traits are subsets of the birth contemporary group.

Calf	Adj WW	WW Ratio
1	742	119
2	694	111
3	655	105
4	643	103
5	639	102
6	606	97
7	605	97
8	578	93
9	562	90
10	524	84
Avg	625	

Calf	Adj WW	WW Ratio
1	742	110
2	694	103
3	655	97
4	643	95
5	639	95
Avg	675	

Ratios

$$\text{Ratio} = \frac{\text{Individual's Measurement}}{\text{Average measurement of group}} \times 100$$