

**Table 1****Breakdown of the events within a real 2,400-cow Holstein herd on all first-lactation animals with known, identified sires**

	<b># of cows</b>	<b>Sire PL</b>	<b>Aborts</b>	<b>'Do not breed'</b>	<b>Sold</b>	<b>Died</b>	<b>Mastitis</b>	<b>RP</b>	<b>DA</b>	<b>Ketosis</b>	<b>Pneumonia</b>	<b>Metritis</b>	<b>Injury</b>	<b>Lame</b>
<b>Top 50% High PL cows</b>	478	>3.5	15	12	1	1	36	3	3	11	5	5	11	8
<b>Bottom 50% Low PL cows</b>	502	<3.6	70	90	241	52	309	6	12	15	37	6	29	30

Based only on the animal's parent average or Productive Life, this shows the extreme difference in health events between cows with a high PL pedigree versus those with a low PL pedigree.