

**AVERAGE AND RANGE OF PROOFS FOR COWS IN THE AVAILABLE COW POPULATION\***

<b>Cows</b>	<b>PROTEIN</b>		<b>FAT</b>		<b>COMPOSITES</b>								
	<b>PTAP</b>	<b>PTA%P</b>	<b>PTAF</b>	<b>PTA%F</b>	<b>PTAM</b>	<b>NM\$</b>	<b>PTAT</b>	<b>UDC</b>	<b>FLC</b>	<b>PL</b>	<b>DPR</b>	<b>SCS</b>	<b>CTPI</b>
<b>TOP 1%</b>	47 ( 42 to 79)	0.11 (0.10 to 0.19)	74 ( 65 to 114)	0.26 (0.23 to 0.46)	1684 ( 1471 to 2941)	643 ( 574 to 968)	2.88 ( 2.62 to 3.99)	2.30 ( 2.09 to 3.47)	1.92 ( 1.72 to 2.86)	4.8 ( 4.2 to 7.6)	3.4 ( 2.9 to 7.0)	2.62 (2.39 to 2.67)	2629 (2562 to 2877)
<b>TOP 5%</b>	37 ( 30 to 79)	0.08 (0.07 to 0.19)	57 ( 45 to 114)	0.20 (0.16 to 0.46)	1299 ( 1027 to 2941)	508 ( 406 to 968)	2.40 ( 2.07 to 3.99)	1.91 ( 1.65 to 3.47)	1.56 ( 1.31 to 2.86)	3.6 ( 2.9 to 7.6)	2.4 ( 1.8 to 7.0)	2.72 (2.39 to 2.78)	2499 (2402 to 2877)
<b>TOP 10%</b>	31 ( 23 to 79)	0.07 (0.05 to 0.19)	47 ( 34 to 114)	0.16 (0.12 to 0.46)	1097 ( 783 to 2941)	430 ( 308 to 968)	2.15 ( 1.76 to 3.99)	1.72 ( 1.41 to 3.47)	1.37 ( 1.09 to 2.86)	3.0 ( 2.2 to 7.6)	1.9 ( 1.2 to 7.0)	2.76 (2.39 to 2.82)	2423 (2302 to 2877)
<b>TOP 20%</b>	24 ( 14 to 79)	0.05 (0.03 to 0.19)	38 ( 22 to 114)	0.13 (0.08 to 0.46)	860 ( 486 to 2941)	337 ( 189 to 968)	1.85 ( 1.37 to 3.99)	1.48 ( 1.11 to 3.47)	1.16 ( 0.82 to 2.86)	2.4 ( 1.4 to 7.6)	1.3 ( 0.5 to 7.0)	2.81 (2.39 to 2.88)	2327 (2172 to 2877)
<b>TOP 30%</b>	19 ( 7 to 79)	0.04 (0.02 to 0.19)	31 ( 13 to 114)	0.11 (0.05 to 0.46)	697 ( 270 to 2941)	272 ( 98 to 968)	1.64 ( 1.09 to 3.99)	1.31 ( 0.87 to 3.47)	1.01 ( 0.61 to 2.86)	2.0 ( 0.9 to 7.6)	0.9 ( 0.0 to 7.0)	2.84 (2.39 to 2.92)	2259 (2078 to 2877)
<b>TOP 50%</b>	13 ( -3 to 79)	0.03 (0.00 to 0.19)	20 ( -2 to 114)	0.08 (0.01 to 0.46)	454 ( -83 to 2941)	170 ( -61 to 968)	1.32 ( 0.63 to 3.99)	1.05 ( 0.46 to 3.47)	0.78 ( 0.27 to 2.86)	1.3 (-0.1 to 7.6)	0.4 (-0.8 to 7.0)	2.89 (2.39 to 3.00)	2155 (1925 to 2877)
<b>ALL</b>	-3 (-113 to 79)	0.00 (-.16 to 0.19)	-1 (-121 to 114)	0.01 (-.37 to 0.46)	-83 (-3521 to 2941)	-54 (-1282 to 968)	0.64 (-3.76 to 3.99)	0.41 (-5.13 to 3.47)	0.23 (-5.20 to 2.86)	-0.0 (-6.7 to 7.6)	-0.7 (-7.2 to 7.0)	3.00 (2.39 to 3.68)	1939 ( 691 to 2877)
<b>No. Cows</b>	<b>348633</b>	<b>348633</b>	<b>348633</b>	<b>348633</b>	<b>348633</b>	<b>348633</b>	<b>238324</b>	<b>238324</b>	<b>238324</b>	<b>348633</b>	<b>348633</b>	<b>348633</b>	<b>225930</b>

\*Cows born in past 12 years and that calved and/or were classified since June 2019

\*December 2021 proofs