

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

Cows	PROTEIN					FAT					COMPOSITES						
	PTAP	PTA%P	PTAF	PTA%F	PTAM	NM\$	PTAT	UDC	FLC	PL	DPR	SCS	CTPI				
TOP 1%	42 (37 to 77)	0.08 (0.07 to 0.16)	57 (50 to 107)	0.20 (0.18 to 0.39)	1525 (1325 to 2700)	466 (409 to 792)	2.71 (2.46 to 4.43)	2.53 (2.29 to 3.81)	2.53 (2.27 to 4.48)	4.6 (4.1 to 8.1)	2.4 (2.1 to 4.6)	2.62 (2.33 to 2.66)	1934 (1847 to 2350)				
TOP 5%	32 (26 to 77)	0.06 (0.05 to 0.16)	44 (36 to 107)	0.15 (0.12 to 0.39)	1175 (934 to 2700)	364 (294 to 792)	2.25 (1.92 to 4.43)	2.09 (1.78 to 3.81)	2.06 (1.73 to 4.48)	3.6 (3.0 to 8.1)	1.8 (1.4 to 4.6)	2.70 (2.33 to 2.75)	1784 (1684 to 2350)				
TOP 10%	27 (20 to 77)	0.05 (0.04 to 0.16)	38 (28 to 107)	0.13 (0.10 to 0.39)	998 (726 to 2700)	312 (234 to 792)	2.00 (1.62 to 4.43)	1.85 (1.49 to 3.81)	1.81 (1.44 to 4.48)	3.2 (2.5 to 8.1)	1.5 (1.1 to 4.6)	2.75 (2.33 to 2.80)	1711 (1603 to 2350)				
TOP 20%	21 (13 to 77)	0.04 (0.03 to 0.16)	30 (18 to 107)	0.11 (0.07 to 0.39)	793 (473 to 2700)	253 (162 to 792)	1.70 (1.24 to 4.43)	1.58 (1.14 to 3.81)	1.53 (1.08 to 4.48)	2.6 (1.8 to 8.1)	1.1 (0.6 to 4.6)	2.79 (2.33 to 2.86)	1632 (1512 to 2350)				
TOP 30%	18 (8 to 77)	0.03 (0.02 to 0.16)	24 (11 to 107)	0.08 (0.04 to 0.39)	654 (285 to 2700)	214 (111 to 792)	1.50 (0.97 to 4.43)	1.38 (0.87 to 3.81)	1.34 (0.82 to 4.48)	2.3 (1.3 to 8.1)	0.9 (0.3 to 4.6)	2.82 (2.33 to 2.90)	1581 (1449 to 2350)				
TOP 50%	12 (0 to 77)	0.02 (0.00 to 0.16)	17 (0 to 107)	0.06 (0.01 to 0.39)	442 (-33 to 2700)	156 (29 to 792)	1.19 (0.50 to 4.43)	1.08 (0.41 to 3.81)	1.04 (0.37 to 4.48)	1.6 (0.4 to 8.1)	0.6 (-0.2 to 4.6)	2.86 (2.33 to 2.96)	1508 (1349 to 2350)				
ALL	-0 (-97 to 77)	0.00 (-0.18 to 0.16)	0 (-110 to 107)	0.01 (-0.36 to 0.39)	-36 (-3178 to 2700)	33 (-736 to 792)	0.48 (-0.82 to 4.43)	0.37 (-0.82 to 3.81)	0.33 (-0.88 to 4.48)	0.5 (-0.7 to 8.1)	-0.2 (-5.0 to 4.6)	2.97 (2.33 to 3.79)	1351 (382 to 2350)				
No. Cows	691880	691880	691880	691880	691880	691880	411132	411132	411132	691880	691880	691880	398798				

\*Cows born in past 12 years and that calved and/or were classified since October 2008

\* April 2011 proofs