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Comparison of August 2012 genomic and traditional evaluations for bulls with an AI status of active or foreign

621 Holstein active bulls

Trait	PTA				Reliability (%)		
	Genomic average	Traditional average	Difference ¹	Standard deviation	Genomic average	Traditional average	Difference ¹
Net merit (\$)	320	318	2	57	88	82	+7
Milk (pounds)	760	782	-21	157	93	90	+3
Fat (pounds)	34.3	35.0	-0.7	5.8	93	90	+3
Protein (pounds)	24.7	24.9	-0.2	4.4	93	90	+3
Productive life (months)	1.8	1.8	+0.1	0.7	85	74	+11
Somatic cell score	2.85	2.86	+0.00	0.06	89	83	+7
Daughter pregnancy rate (%)	-0.2	-0.1	+0.0	0.5	83	69	+14
Final score	1.62	1.58	+0.05	0.28	89	81	+8
Sire calving ease	7.6	7.6	+0.0	0.5	88	85	+3
Daughter calving ease	7.1	7.2	-0.1	0.5	77	70	+7

¹Genomic minus traditional.