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Invited review: Reliability of genomic predictions for North American Holstein bulls. By VanRaden *et al.*, page 16. Genomic predictions of genetic merit were tested using 2003 historical data for 3,576 bulls born before 1999 to predict current data for 1,759 bulls born from 1999 to 2002. Genotypes for 38,416 markers were included for each bull. Reliability for young bulls was 50% for genomic predictions compared with 27% for traditional parent averages, an average increase of 23% across all traits. Genomic predictions will greatly enhance the information available to dairy producers in selecting young animals.