Diet Digestibility, Rate of Passage, and Eating and Rumination Behavior of Jersey and Holstein Cows. By Aikman et al., page 1103. Diet digestibility, passage rate, chewing activity, and milk production of Jersey and Holstein cows were compared throughout the transition from pregnancy to lactation. Milk energy production in relation to metabolic body weight and feed intake per unit of body weight were equal in the 2 breeds. Neutral detergent fiber digestibility was greater in Jerseys despite a shorter rumen retention time because, relative to body weight and neutral detergent fiber intake, Jerseys spent more time chewing. Increased chewing of feed by Jerseys may allow them to utilize high-fiber diets without compromising productivity.