Exploring the Impact of Sexed Semen on the Structure of the Dairy Industry. By De Vries et al., page 847. The advent of economically priced, widely available female sexed semen with good fertility will allow dairy producers to produce more dairy replacement heifers from genetically superior dams. It is expected that the rate of genetic progress, herd replacement rates, and expansion will increase slightly. Farms may specialize more in producing foundation breeding cows, raising heifers, or strictly milking. Artificial insemination organizations may focus more on providing specialty sires for crossbreeding and may reduce the cost of progeny testing. Early adopters will benefit through the sale of dairy replacement heifers.