Jathan Austin* (jwaustin@salisbury.edu), Brian Kronenthal, Susanna Molitoris Miller and Jonathon Miller. Counting Socially-Distanced Catan Configurations.

Constructing a board for the game Catan includes a requirement that no red number tiles are adjacent to one another in a hexagonal grid formation. Previous countings of the number of boards omitted this restriction. This paper revisits the number of possible boards incorporating this constraint. (Received September 07, 2020)