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Jeffrey W Heath* (jeffrey.heath@centre.edu), 600 W Walnut St, Danville, KY 40422, and Chase Cavanaugh (chase.cavanaugh@centre.edu), 600 W. Walnut St., Danville, KY 40422. Basketball Shooting Efficiency and the Shot Clock. Preliminary report.

Basketball teams take a different distribution of shots depending on their personnel, opponent, style of play, and even the score and time remaining of the game. In general teams should be attempting the shots that have a high expected points per possession. However, the time remaining on the shot clock plays a key role in this shot selection. We investigate how shooting efficiency in basketball relates to the shot clock, specifically in NCAA basketball. (Received September 25, 2018)