## Measuring the Extent, Depth, and Severity of Food Insecurity: An Application to American Indians in the United States

## Craig Gundersen, Iowa State University<sup>1</sup>

Within the extensive food insecurity literature, little work has been done regarding (a) the depth and severity of food insecurity and (b) the food insecurity of American Indians. This paper addresses both these topics with data from the 2001 to 2004 Core Food Security Module of the Current Population Survey. To measure food insecurity, three axiomatically-derived measures of food insecurity are used. As expected, given the worse economic conditions facing American Indians, their food insecurity levels are generally higher than non-American Indians. However, the magnitude and significance of these differences differ depending on the choice of food insecurity measure.

Endnotes

<sup>&</sup>lt;sup>1</sup>Associate Professor, Department of Human Development and Family Studies and Cooperating Member, Department of Economics, Iowa State University, Ames, IA.