# Social, behavioral, and medical risk factors and health outcomes among Oregon counties <br> Emma DeLoughery, MD1, Katherine Iossi, MD, MPH, FACP² ${ }^{1}$ Department of Medicine, Oregon Health \& Science University, Portland OR <br> ${ }^{2}$ Department of Hospital and Specialty Medicine, Portland VA Medical Center, Portland OR 

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Figure 1. Death rate (2013-2017, per 100,000) vs unemployment, homelessness and poverty


## Discussion

- Both individual behaviors and community factors are associated with health outcomes, including death (from all causes) and suicide
- The surrogate marker for access to healthcare was not associated with any risk factor data
- Limitations include use of data from different years, lack of data from some counties, and use of subjective survey data for some factors

Figure 2. Suicide rate (2011-2017, per 100,000) vs food insecurity and unemployment


## Take Home Points

- Health of a community appears to affect health of individuals
- More resources are needed to study and address social concerns in order to promote health

