State-wide Infection Prevalence ΑK AL AR ΑZ CA CO 0.8 -0.6 -0.4 -0.2 -0.0 -3 **-**2 **-**1 **-**0.5432 0.75 **-** 0.50 **-** 0.25 **-** 0.00 **-**0.3 **-**0.2 **-**0.1 **-**0.0 **-**DC DE FL GA ΗΙ CT 2.5 1.5 0.5 1.5 -1.0 -0.5 -0.0 -1.0 1.0 0.5 0.5 0.0 0.0 ID KS ΚY IΑ IN IL 1.2 -0.9 -0.63 -0.0 -0.6 0.4 0.2 0.0 0.3 -0.2 -0.1 -0.0 -0.6 **-**0.4 **-**0.2 **-**0.0 **-**MD LA ME MI MN MA Prevalence of Active Infection % 1.2 0.9 0.6 0.3 0.0 0.3 **-**0.2 **-**0.1 **-**0.0 **-**2:5 1:5 8:6 1.5 1.0 0.5 0.4 -0.3 -0.0 -0.0 MT MO MS NC ND NE 0.54 0.32 0.0 0.6 0.4 0.4 = 0.3 = 0.2 = 0.0 = 0.6 0.4 · 0.2 · 0.0 · 0.2 -NH NJ NM NVNY ОН 0.4 -0.3 -0.2 -0.1 -0.0 -1.5 **-**1.0 **-**0.5 **-**0.0 **-**2 OK OR PΑ RISC SD 1.2 0.9 0.6 0.3 0.0 0.75 0.50 0.25 0.00 0.3 0.2 0.1 0.0 0.6 0.4 0.2 0.0 1.0 0.5 0.0 UT TN TX VA VT WA 1.5 1.0 0.5 0.0 0.75 **-**0.50 **-**0.25 **-**0.00 **-**0.75 0.50 0.25 0.00 0.3 **-**0.2 **-**0.1 **-**0.0 **-**Mar Mar Jul Mar May May Jul May Jul WI WV WY 0.2 **-**0.1 **-**0.0 **-**Mar May Jul Mar May Mar May Jul Jul Date Extended SEIR median Posterior median (n fit) **Epidemiologic Models** Semi-empirical Model

Imperial median

Posterior median (n=0.5)