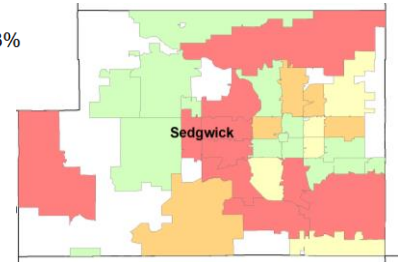
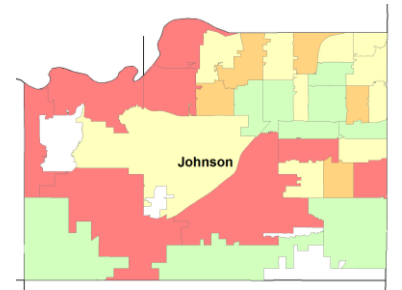
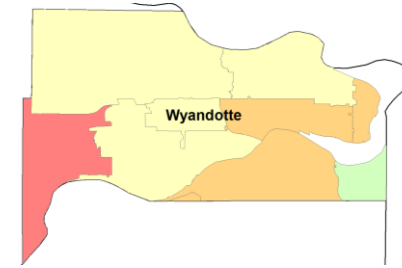
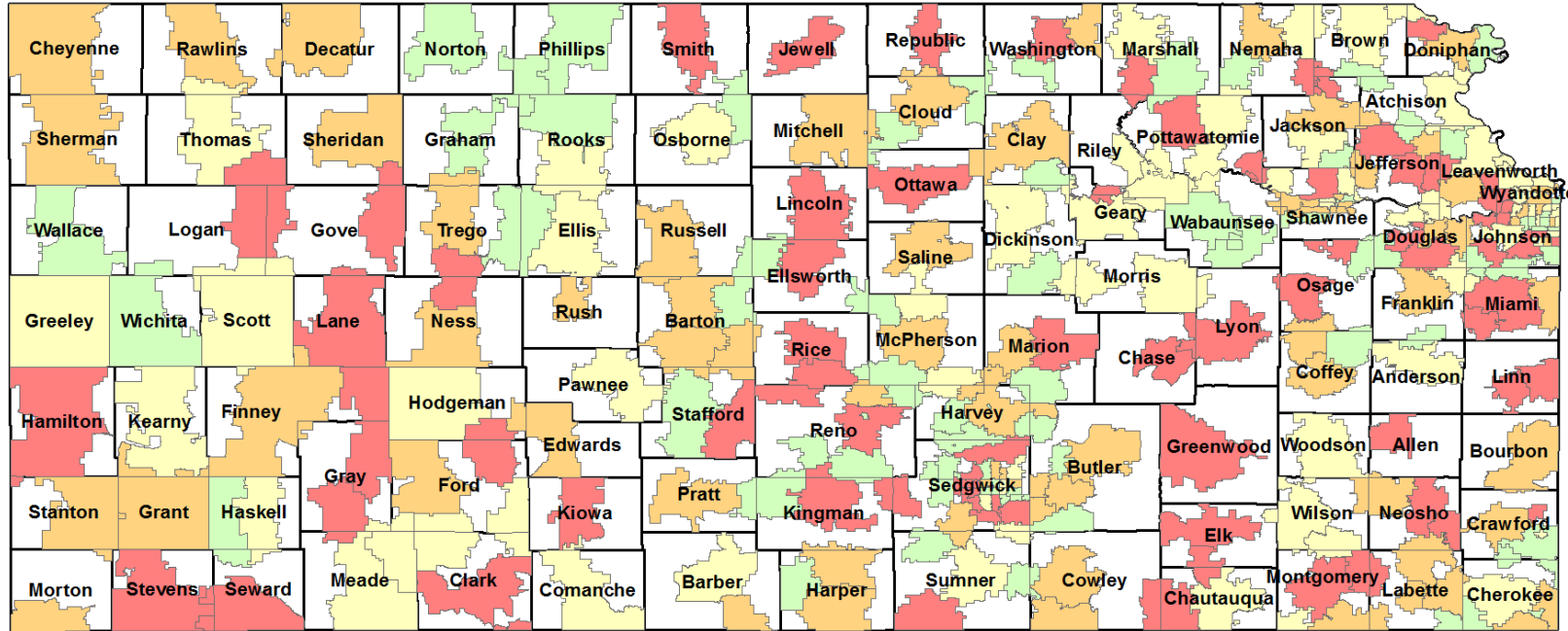


Percent of Potentially Inappropriate Prescribing of Antibiotics for Acute Respiratory Illnesses (ARI) Among Prescribers in Medicaid and Medicare Claims Data by Zip Code, 2017-2018



Zip codes with no data
 First Quartile: 0% - 8.3%
 Second Quartile: 8.4% - 19.1%
 Third Quartile: 19.2% - 28.7%
 Fourth Quartile: 28.8% - 77.3%

Methodology

- Medicare claims data from 1/1/2017 to 9/30/2018 and Medicaid claims data from 1/1/2017 to 6/30/2017 were used to calculate percent of antibiotics prescribed for acute respiratory infection (ARI).
- Prescribing information was linked to individual provider based on National Provider Identifier (NPI).
- ARI for this study only included those claims with the following ICD-10 diagnosis codes; H65, J00, J040, J042, J043, J050, J06, J09, J10, J11, J12, J203, J204, J205, J206, J207, J208, J209, J21, J22, J30, J31, J40, J45.
- Percentages of potentially inappropriately prescribed antibiotics for ARI were calculated by dividing the number of ARI claims that had an antibiotic prescription by the total number of ARI claims with and without an antibiotic prescription by zip code of the provider.
- Percentages were divided into quartiles and mapped using ARC GIS 10.4.1.

