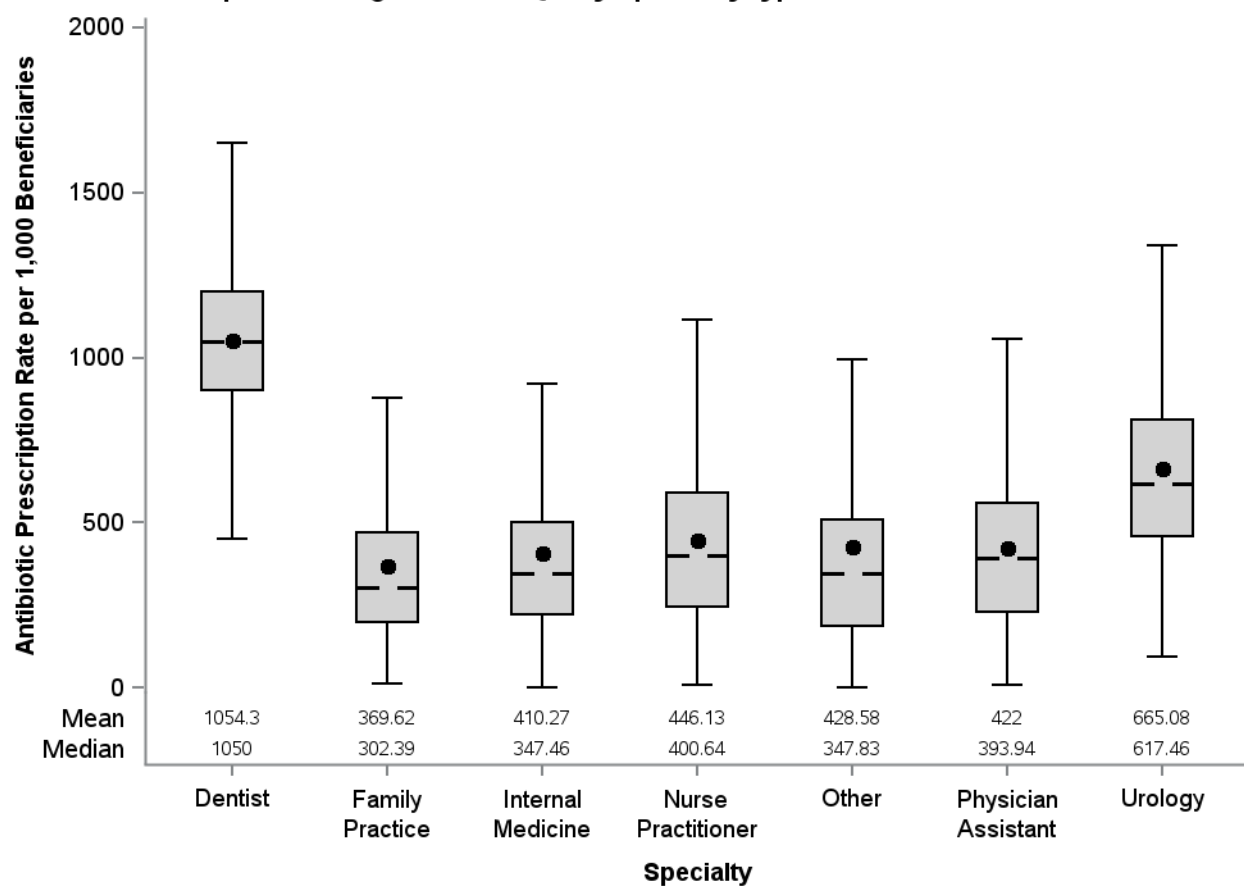


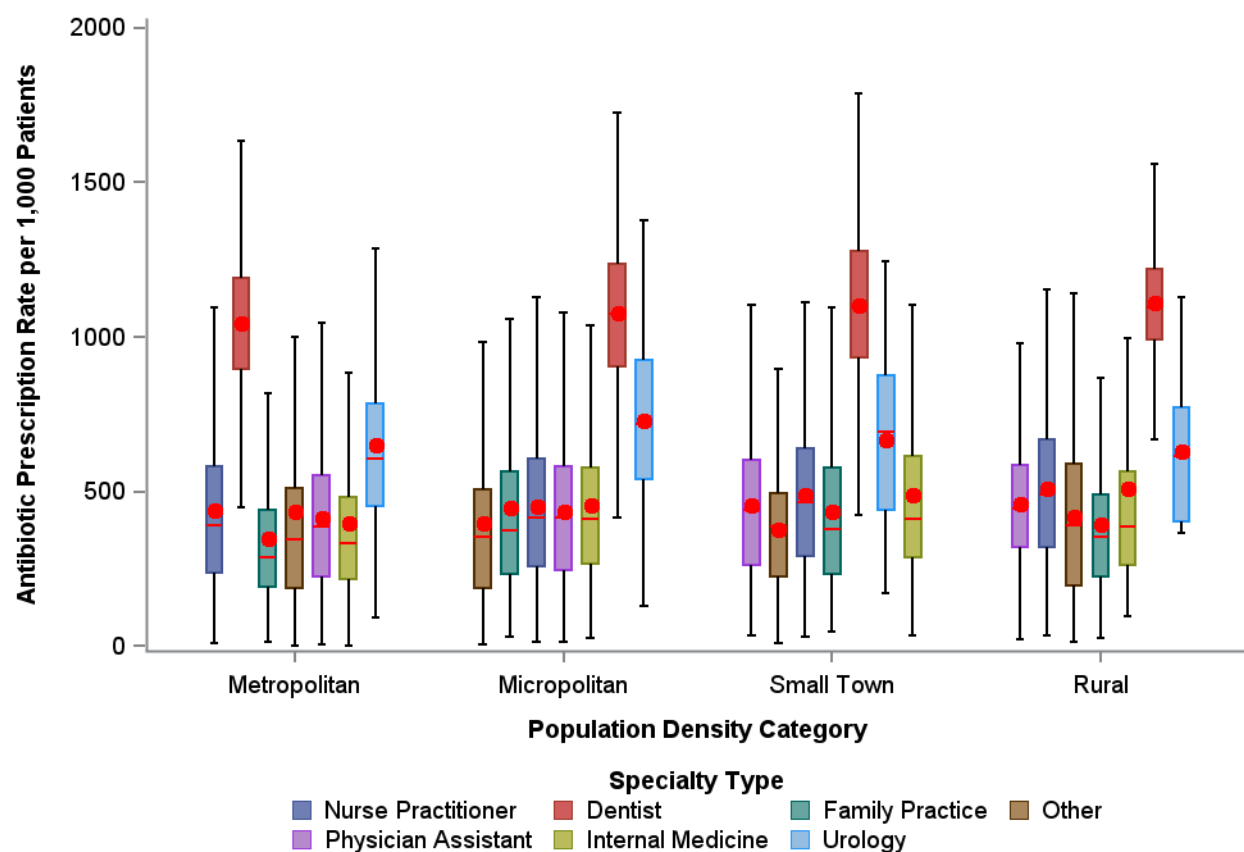
Antibiotic Prescribing Claims by Volume, North Carolina 2018-2023

Higher-volume Prescribers (top 10%)	Percent Higher-volume Prescribers	Number of Prescriptions from High Volume Prescribers	Percent of Prescriptions from Higher-volume Prescribers	Median Number of Prescriptions from High Volume Prescribers per 1,000 Beneficiaries	Lower-volume Prescribers (bottom 90%)	Percent Lower-volume Prescribers	Number of Prescriptions from Lower Volume Prescribers
17,628	12.5%	5,254,947	43.8%	671	122,972	87.5%	6,740,955
Percent of Prescriptions from Lower-volume Prescribers	Median Number of Prescriptions from Lower Volume Prescribers per 1,000 Beneficiaries	Total Prescribers	Number of Total Prescriptions	Median Number of Prescriptions per 1,000 Beneficiaries			
56.2%	375	140,600	11,995,902	410			
Specialty	Higher-volume Prescribers (top 10%)	Percent Higher-volume Prescribers	Number of Prescriptions from High Volume Prescribers	Percent of Prescriptions from Higher-volume Prescribers	Median Number of Prescriptions from High Volume Prescribers per 1,000 Beneficiaries	Lower-volume Prescribers (bottom 90%)	
Dentist	1,982	10.2%	195,901	17.1%	1,232	17,450	
Family Practice	1,778	10.8%	1,239,562	58.7%	629	14,666	
Internal Medicine	1,499	11.5%	1,003,561	60.6%	618	11,582	
Nurse Practitioner	3,026	13.1%	882,699	43.1%	660	20,095	
Other	6,399	14.7%	776,839	29.6%	585	37,012	
Physician Assistant	2,755	11.8%	758,232	38.9%	631	20,536	
Urology	189	10.4%	398,153	86.2%	1,018	1,631	
Percent Lower-volume Prescribers	Number of Prescriptions from Lower Volume Prescribers	Percent of Prescriptions from Lower-volume Prescribers	Median Number of Prescriptions from Lower Volume Prescribers per 1,000 Beneficiaries	Total Prescribers	Number of Total Prescriptions	Median Number of Prescriptions per 1,000 Beneficiaries	
89.8%	948,016	82.9%	1,029	19,432	1,143,917	1,050	
89.2%	873,846	41.3%	278	16,444	2,113,408	302	
88.5%	651,984	39.4%	320	13,081	1,655,545	347	
86.9%	1,165,452	56.9%	363	23,121	2,048,151	401	
85.3%	1,847,249	70.4%	310	43,411	2,624,088	348	
88.2%	1,190,871	61.1%	364	23,291	1,949,103	394	
89.6%	63,537	13.8%	593	1,820	461,690	617	
90th %-tile among Specialty 1=Yes	Mean Prescription Rate	Upper Quartile Prescription Rate	Median Prescription Rate	Lower Quartile Prescription Rate			
0	465.7	608.7	374.5	215.7			
1	822.8	995.9	671.2	487.2			

Antibiotic prescribing rate and IQR by specialty type, North Carolina 2018-2023



Antibiotic prescribing rate and IQR by specialty type, location North Carolina 2018-2023



Predictive model expected rate of antibiotic prescriptions among non-reference group (non-rural, non internal medicine) providers

