

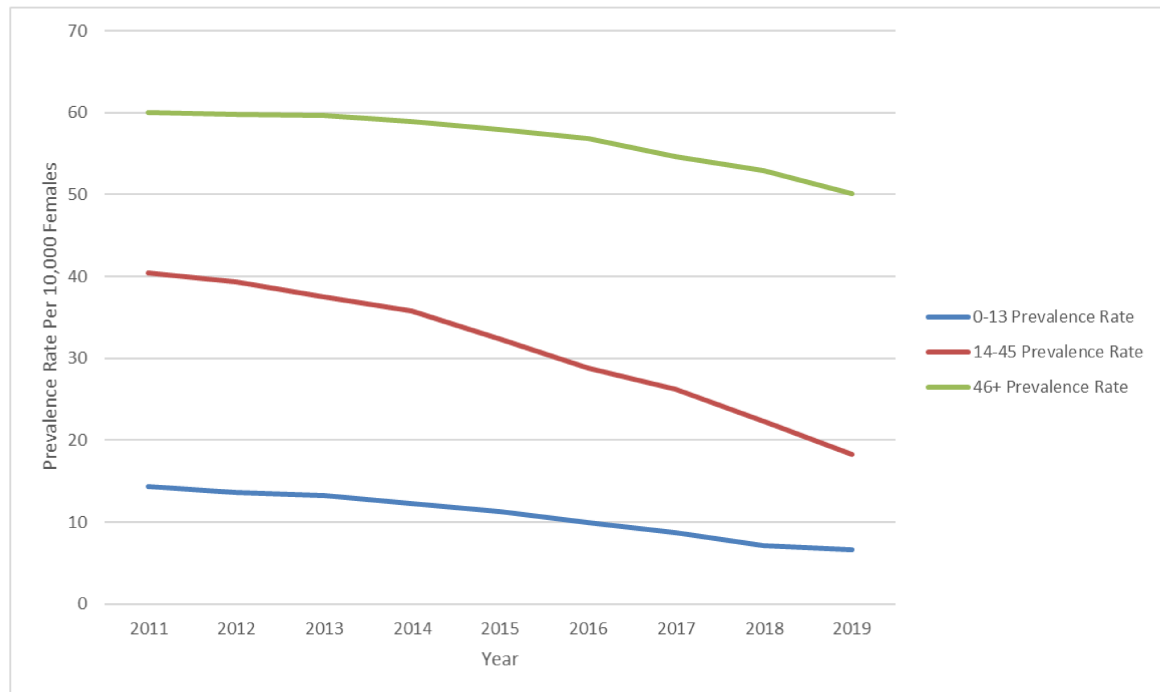
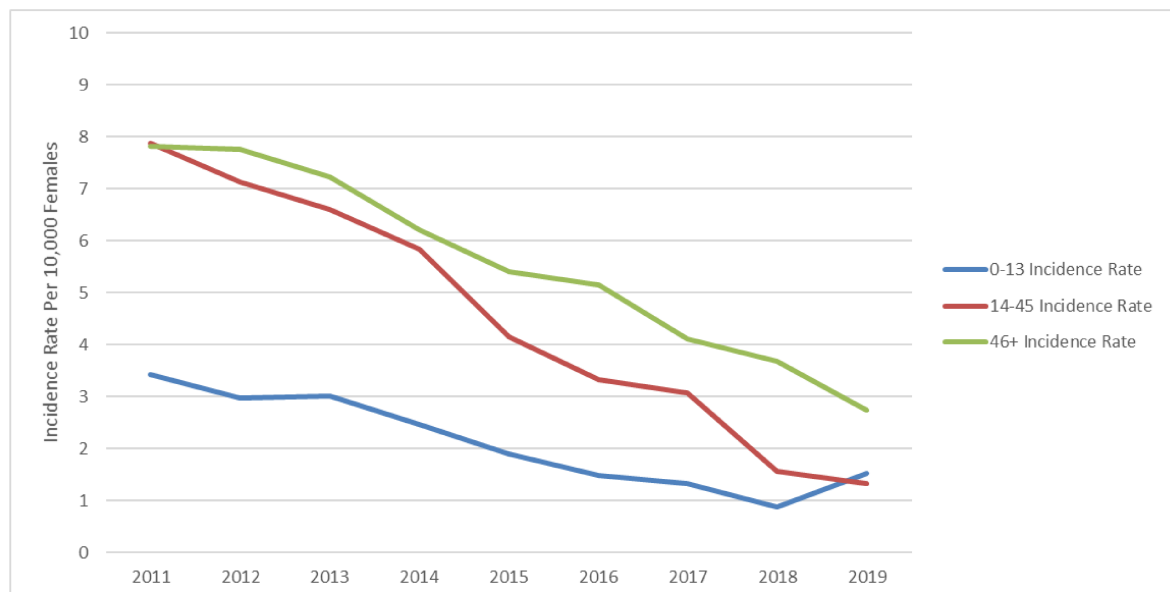
Supplementary file**Figure S1:** Annual valproate prevalent prescribing rates per 10,000 population in females by age group 2011-2019**Figure S2:** Annual valproate incident prescribing rates per 10,000 population in females by age group 2011-2019

Table S1: Sensitivity analysis for valproate exposed pregnancies by pregnancy outcome

Valproate exposure criteria	Total	Live Birth	Stillbirth	Miscarriage	Termination
During pregnancy	365	274	0	27	64
During pregnancy or 30 days prior	419 (+14.8%)	297 (+8.4%)	0 (+0%)	28 (+3.7%)	94 (+46.9%)
During pregnancy or 60 days prior	455 (+24.7%)	319 (+16.4%)	0 (+0%)	29 (+7.4%)	107 (+67.2%)