



Medication and Drug Overdose in Onslow County

Technical Notes

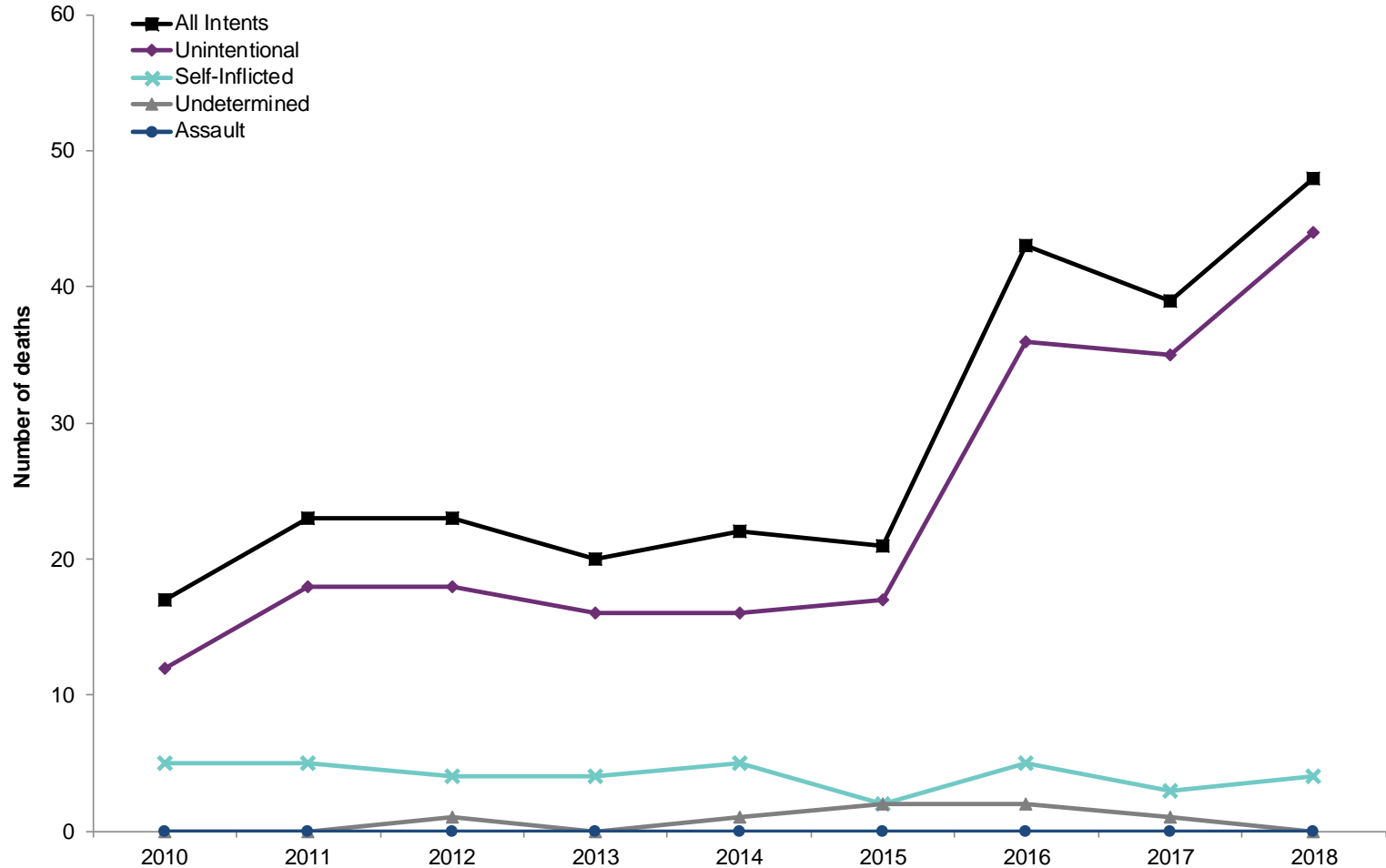
- The fatality data provided here are part of the Vital Registry System of the State Center for Health Statistics (SCHS) and have been used to historically track and monitor the drug overdose burden in NC using ICD-10 codes. The definitive data on deaths come from the NC Office of the Chief Medical Examiner (OCME). For the most recent data and data on specific drugs, please contact at OCME at <http://www.ocme.dhhs.nc.gov/annreport/index.shtml>.
- Please note that for some counties, data may be suppressed and not reported due to low counts.
- Some counties and/or years are grouped to allow for greater reliability.
- Use caution when interpreting death counts under 10.
- Often times, rates have not been calculated due to challenges of small numbers at county levels and unreliability of rates.
- Speaking and technical notes should be read prior to using.

*If you have questions or concerns about these data,
please contact us at SubstanceUseData@dhhs.nc.gov.*



County Medication & Drug Overdose Deaths by Intent

Onslow County Residents, 2009-2018



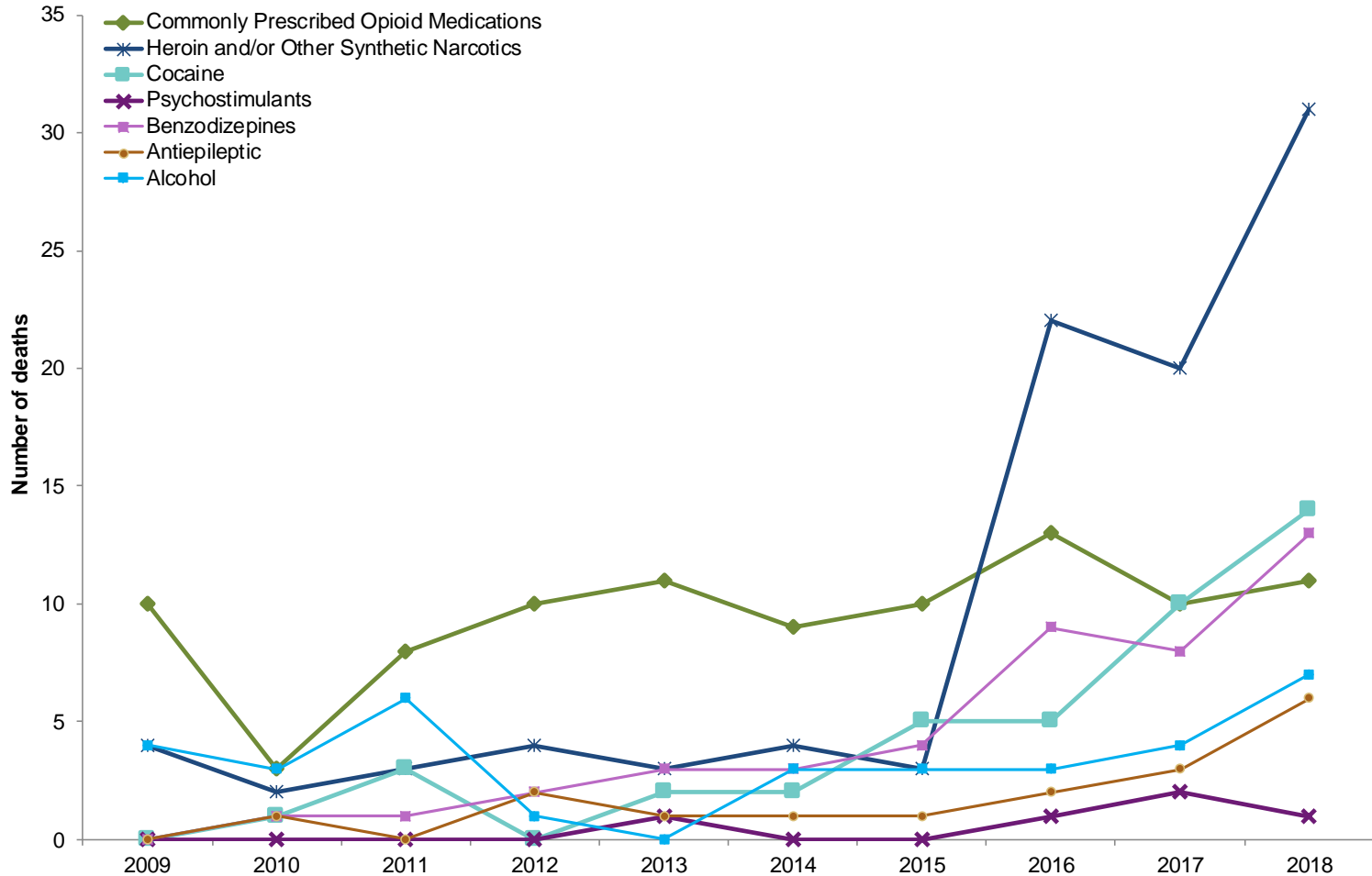
Technical Notes: Medication and drug overdose: X40-X44, X60-X64, Y10-Y14, X85; Limited to N.C. residents

Source: Deaths-N.C. State Center for Health Statistics, Vital Statistics

Analysis by Injury Epidemiology and Surveillance Unit

Substances* Contributing to Unintentional Overdose Deaths

Onslow County Residents, 2009-2018



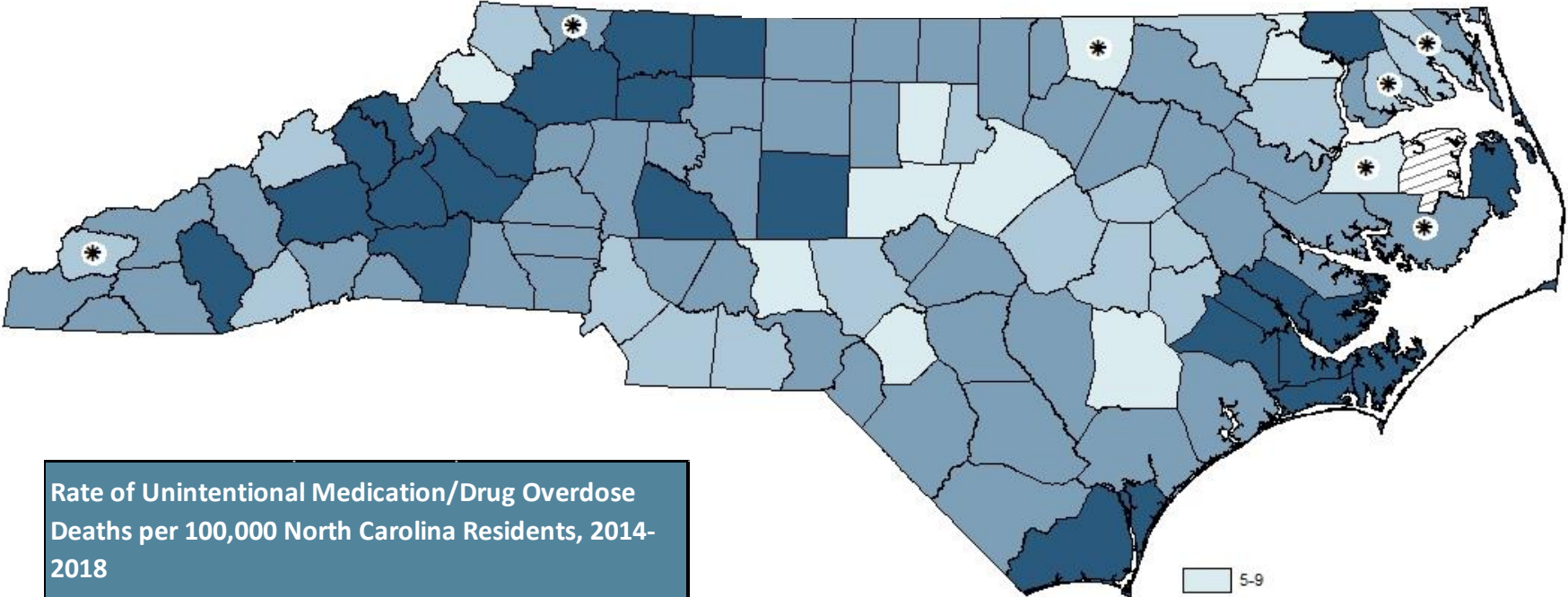
*These counts are not mutually exclusive. If the death involved multiple substances it can be counted on multiple lines.

Source: N.C. State Center for Health Statistics, Vital Statistics-Deaths, Unintentional medication, drug, alcohol poisoning: X40-X45 with any mention of specific T-codes by drug type (Commonly Prescribed Opioids, Heroin, Other Synthetics, Benzodiazepines, Cocaine, and Alcohol).
 Analysis by Injury Epidemiology and Surveillance Unit

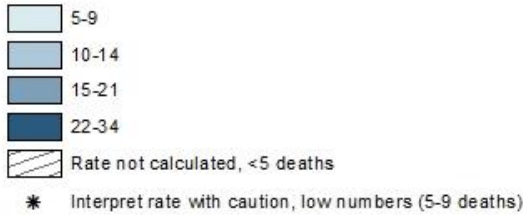


Rate of Unintentional Medication & Drug Overdose Deaths

Per 100,000 North Carolina Residents, 2014-2018



Rate of Unintentional Medication/Drug Overdose Deaths per 100,000 North Carolina Residents, 2014-2018	
Onslow	15.5
Statewide	16.7

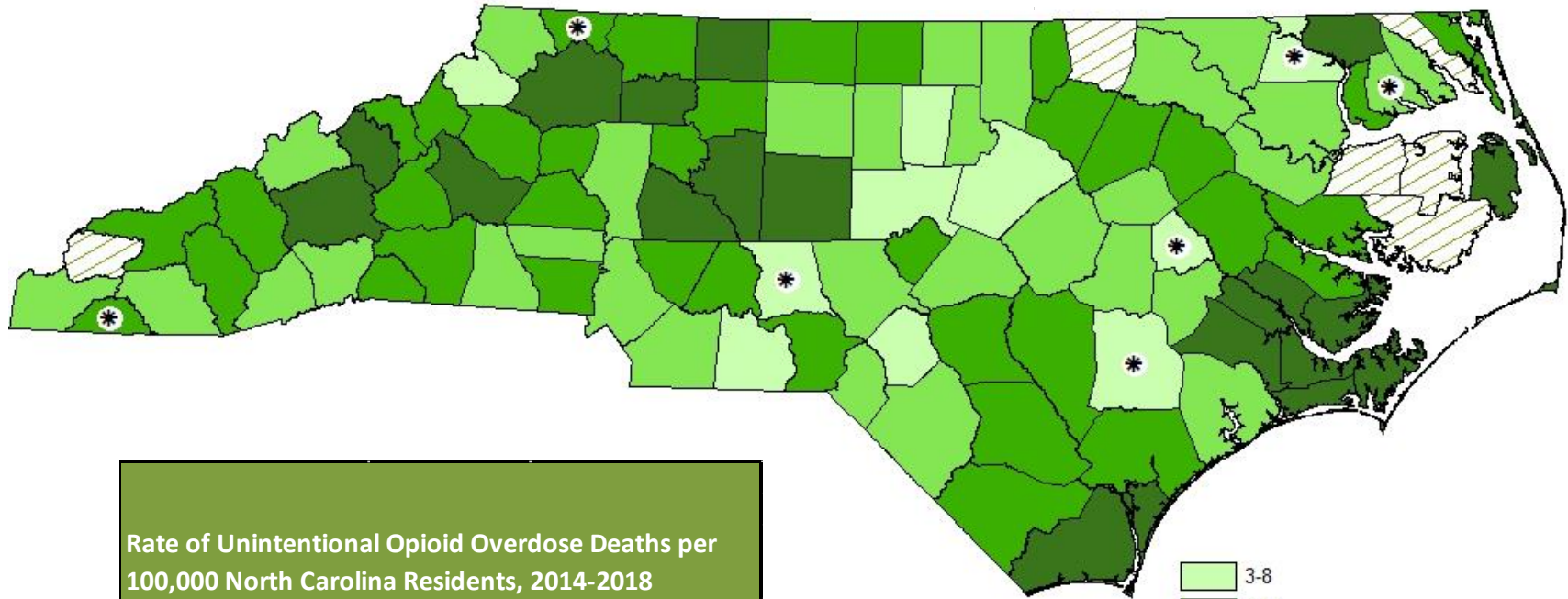


Technical Notes: Rates are per 100,000 N.C. residents; Unintentional medication and drug poisoning: X40-X44
Source: Deaths-N.C. State Center for Health Statistics, Vital Statistics; Population-NCHS
 Analysis by Injury Epidemiology and Surveillance Unit

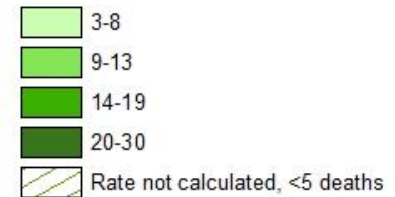


Rate of Unintentional Opioid Overdose Deaths

Per 100,000 North Carolina Residents, 2014-2018



Rate of Unintentional Opioid Overdose Deaths per 100,000 North Carolina Residents, 2014-2018	
Onslow	12.9
Statewide	13.6



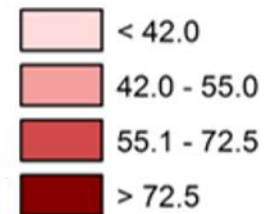
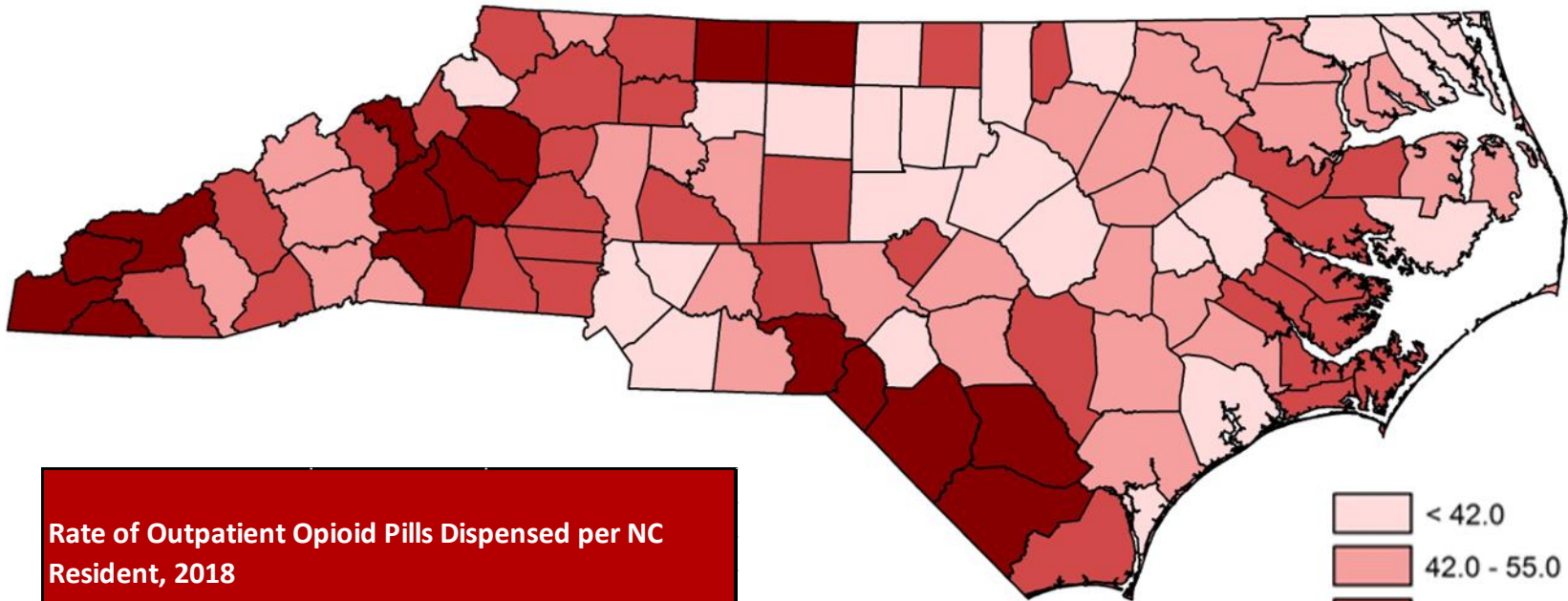
* Interpret rate with caution, low numbers (5-9 deaths)

Technical Notes: Rates are per 100,000 N.C. residents, Unintentional medication and drug poisoning: X40-X44 and any mention of T40.0 (opium), T40.2 (Other Opioids), T40.3 (Methadone), T40.4 (Other synthetic opioid) and/or T40.6 (Other/unspecified narcotics)
Source: Deaths-N.C. State Center for Health Statistics, Vital Statistics; Population-NCHS
 Analysis by Injury Epidemiology and Surveillance Unit



Rate of Outpatient Opioid Pills Dispensed

Per North Carolina Residents, 2018



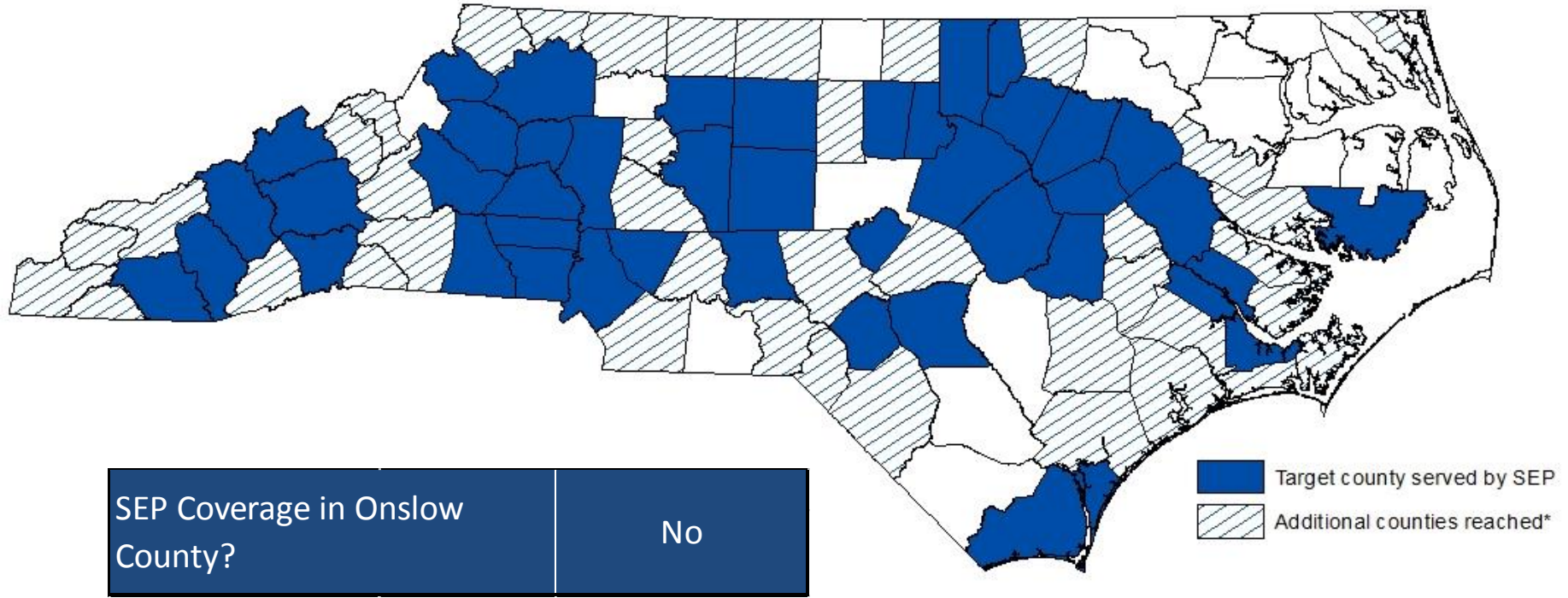
Rate of Outpatient Opioid Pills Dispensed per NC Resident, 2018	
Onslow	37.8
Statewide	43.7



Source: Opioid Dispensing – NC Division of Mental Health, Controlled Substance Reporting System; Population- NCHS
Analysis by Injury Epidemiology and Surveillance Unit

Counties covered by Syringe Exchange Programs (SEPs)

At the end of Year 3 Reporting (June 2019)



*Residents from an additional 38 counties without SEP coverage (and out of state) traveled to receive services in a SEP target county in N.C.

Technical Notes: There may be SEPs operating that are not represented on this map; in order to be counted as an active SEP, paperwork must be submitted to the N.C. Division of Public Health

Source: N.C. Division of Public Health, Year 3 SEP Annual Reporting, June 2019
Analysis by Injury Epidemiology and Surveillance Unit



One Year's Estimated Total Lifetime Costs

Medical and Work Loss from Medication & Drug Fatalities, All Intent, 2018

Total Medical Costs in Onslow County, 2018	\$275,324
Total Work Loss Costs in Onslow County, 2018	\$62,883,788
Combined Costs, 2018	\$63,159,112

Cost per capita in Onslow County, 2018	\$319
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Technical Note: These estimates only include fatalities and do not include additional costs associated with non-fatal overdoses, treatment, recovery, and other costs associated with this epidemic.

Source: Deaths-N.C. State Center for Health Statistics, Vital Statistics, Unintentional medication and drug overdose: X40-X44/Population-National Center for Health Statistics/Economic impact-CDC WISQARS, Cost of Injury Reports, National Center for Injury Prevention and Control, CDC for all medication and drug deaths (any intent), Base year (2010) costs indexed to state 2017 prices.
Analysis by Injury Epidemiology and Surveillance Unit



Questions?

SubstanceUseData@dhhs.nc.gov

**Injury and Violence Prevention Branch
NC Division of Public Health**

www.injuryfreenc.ncdhhs.gov

