

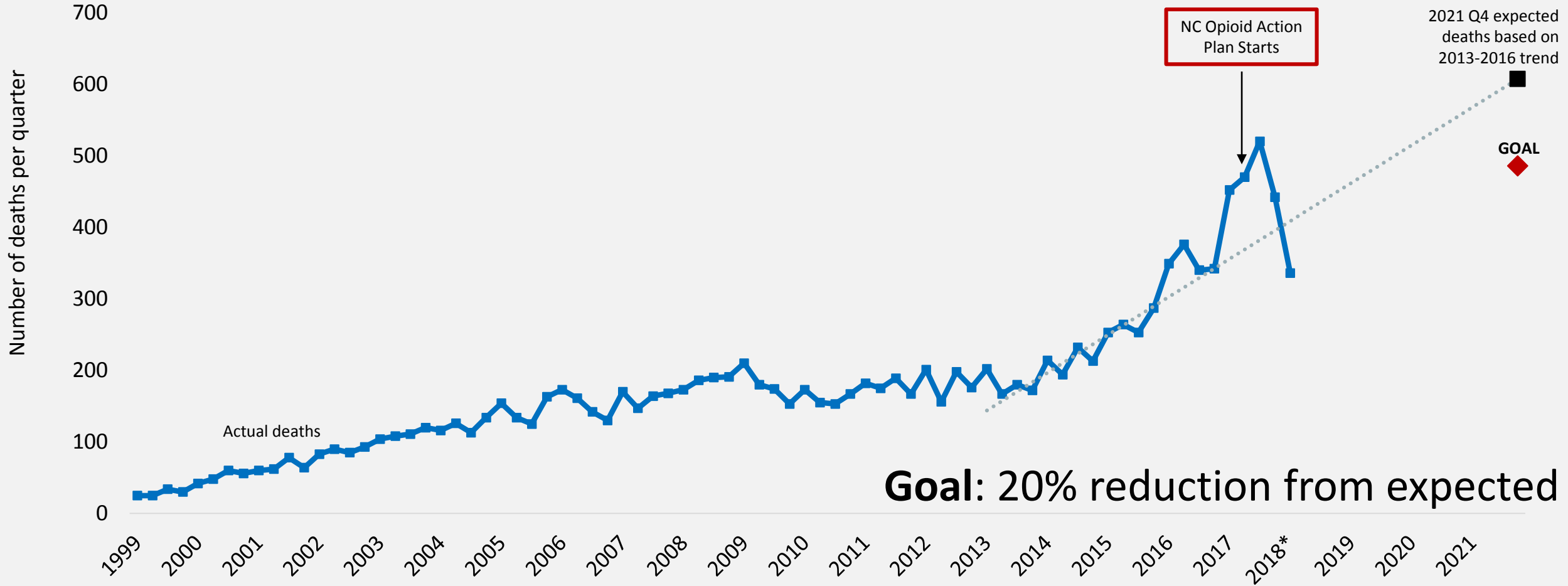
# METRICS FOR NC'S OPIOID ACTION PLAN

Metrics	Baseline Data*	Most Current Provisional Data†	
	(2016 - Q4)	Quarterly Data	Time Period
<b>OVERALL</b>			
Number of unintentional opioid-related deaths to NC Residents (ICD-10)	335	336	2018 – Q1
Number of ED visits that received an opioid overdose diagnosis (all intents)	998	1,421	2018 – Q3
<b>Reduce oversupply of prescription opioids</b>			
Average rate of multiple provider episodes for prescription opioids (times patients received opioids from ≥5 prescribers dispensed at ≥5 pharmacies in a six month period), per 100,000 residents	30.0 per 100,000	8.8 per 100,000	2018 – Q2
Total number of opioid pills dispensed	141,290,928	107,087,891	2018 – Q2
Percent of patients receiving more than an average daily dose of >90 MME of opioid analgesics	6.7%	5.6%	2018 – Q2
Percent of prescription days any patient had at least one opioid AND at least one benzodiazepine prescription on the same day	25.9%	22.6%	2018 – Q2
<b>Reduce Diversion/Flow of Illicit Drugs</b>			
Percent of opioid deaths involving heroin or fentanyl/fentanyl analogues	58.7%	80.8%	2018 – Q3
Number of acute Hepatitis C cases	50	50	2018 – Q2
<b>Increase Access to Naloxone</b>			
Number of EMS naloxone administrations	3,185	2,872 <sup>^</sup>	2018 – Q3
Number of community naloxone reversals	817	801	2018 – Q3
<b>Treatment and Recovery</b>			
Number of buprenorphine prescriptions dispensed	128,162	160,091	2018 – Q2
Number of uninsured individuals and Medicaid beneficiaries with an opioid use disorder served by treatment programs	15,278	19,202	2018 – Q2
Number of certified peer support specialists (CPSS) across NC	2,352	3,310	2018 – Q3

\*Baseline Data for Q4 of 2016 are continually updated as additional cases, visits, claims, and other data points are finalized in each system.

†Most Current Provisional Data as of October 2018, these data are provisional and subject to change. <sup>^</sup>EMS data currently transitioning to a new system resulting in a decrease in counts during this period.

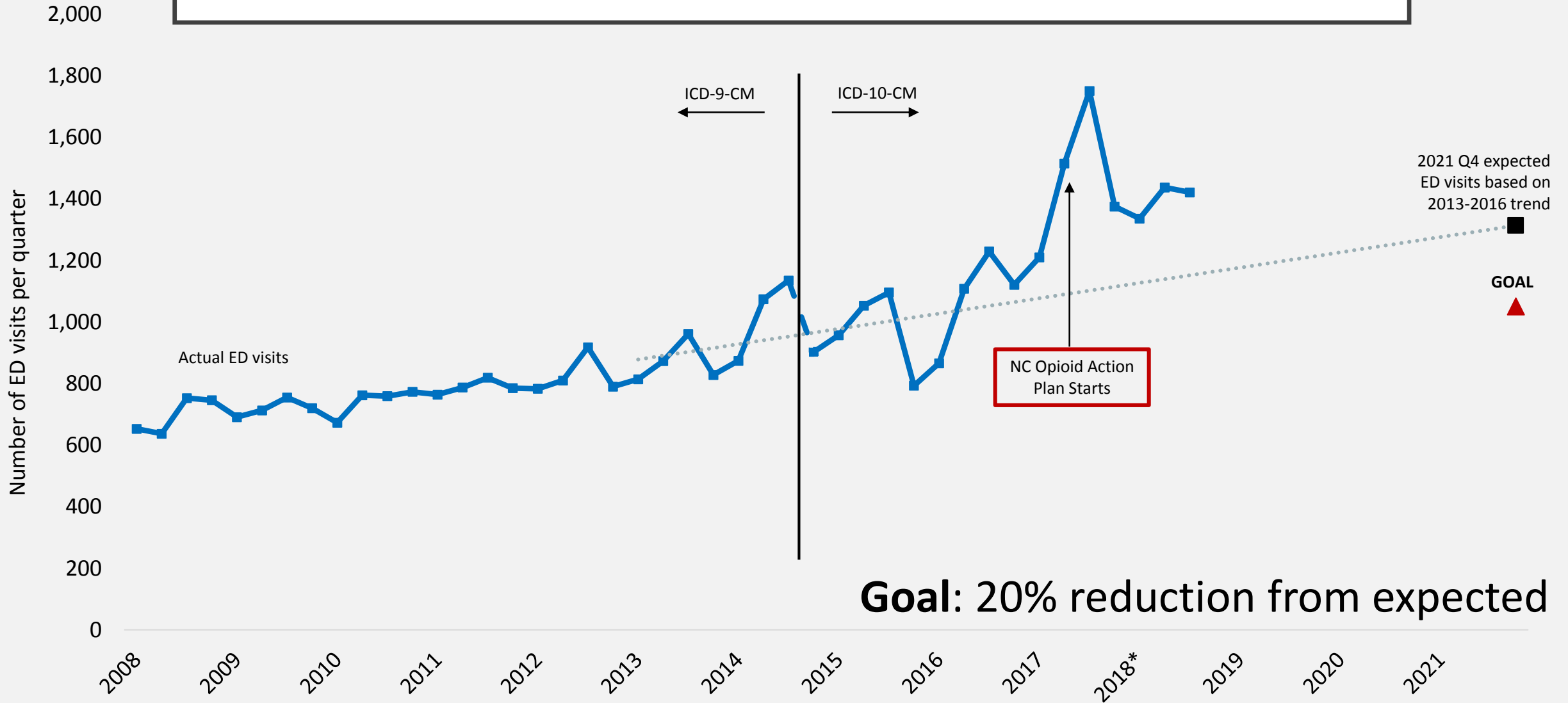
# NUMBER OF UNINTENTIONAL OPIOID-RELATED DEATHS TO NC RESIDENTS



**Goal: 20% reduction from expected**

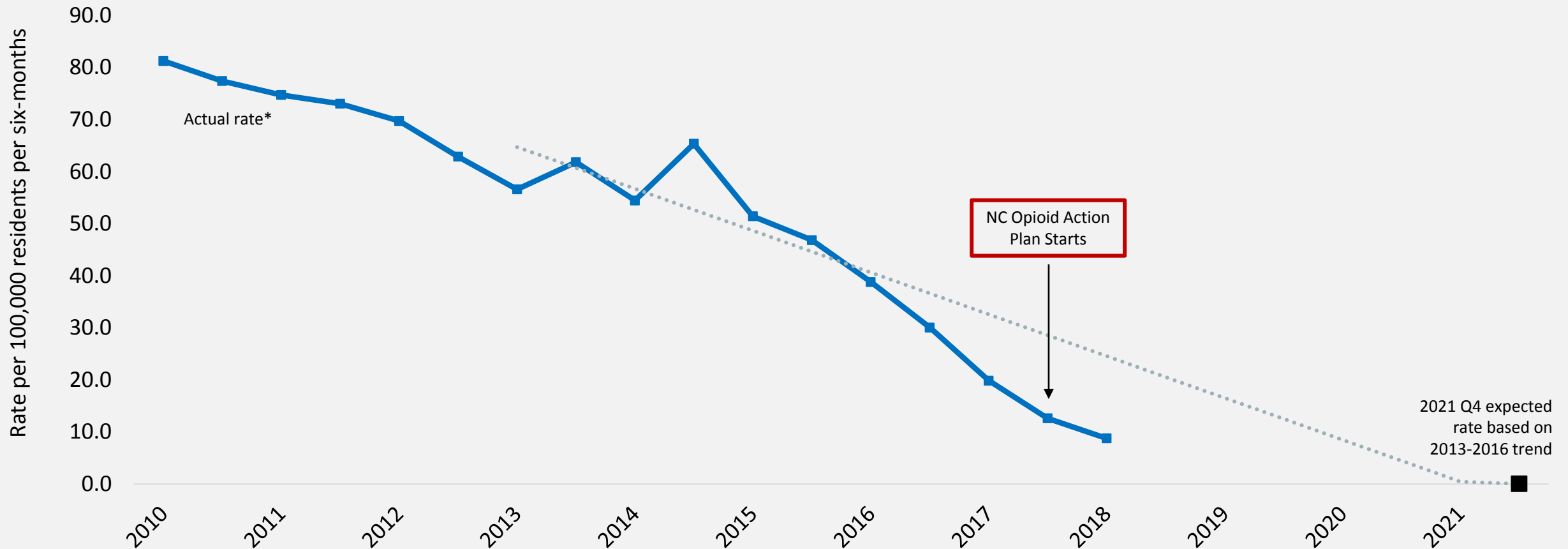
\*Data are preliminary and subject to change  
 Source: NC State Center for Health Statistics, Vital Statistics-Deaths, ICD10 coded data, includes NC Resident deaths occurring out of state, 1999-2018 Q1  
 Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# NUMBER OF OPIOID OVERDOSE ED VISITS



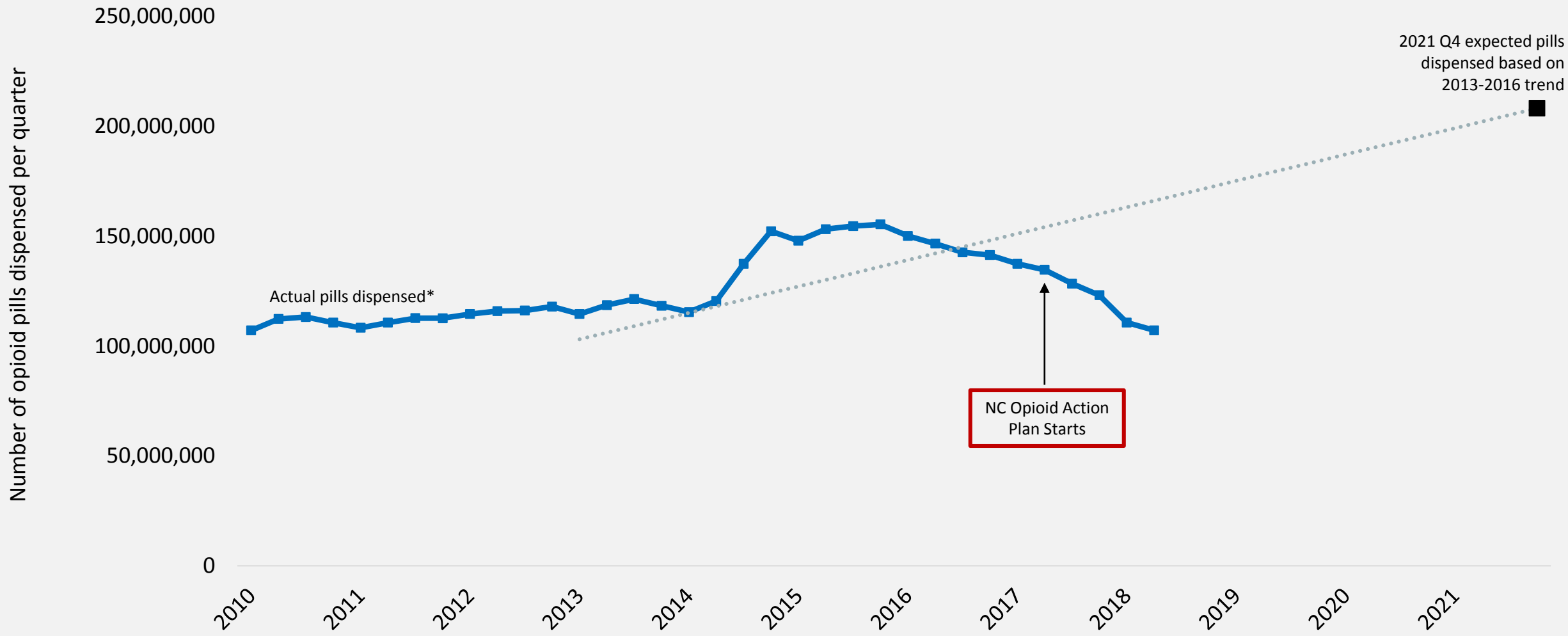
\*Data are preliminary and subject to change  
 Source: NC Division of Public Health, Epidemiology Section, NC DETECT, 2009-2018 Q3  
 Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# AVERAGE RATE OF MULTIPLE PROVIDER EPISODES FOR PRESCRIPTION OPIOIDS (TIMES PATIENTS RECEIVED OPIOIDS FROM $\geq 5$ PRESCRIBERS DISPENSED AT $\geq 5$ PHARMACIES IN A SIX MONTH PERIOD), PER 100,000 RESIDENTS



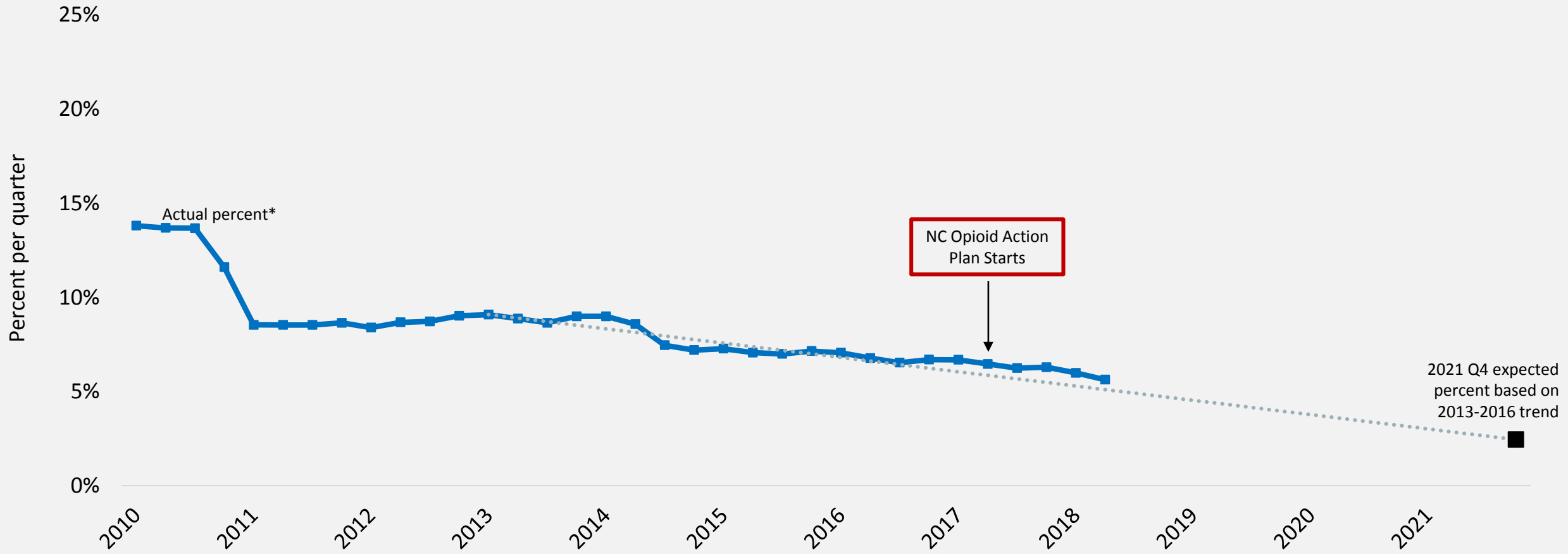
\*Data are subject to change as additional data are entered into the system  
 Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2018 Q2  
 Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# TOTAL NUMBER OF OPIOID PILLS DISPENSED



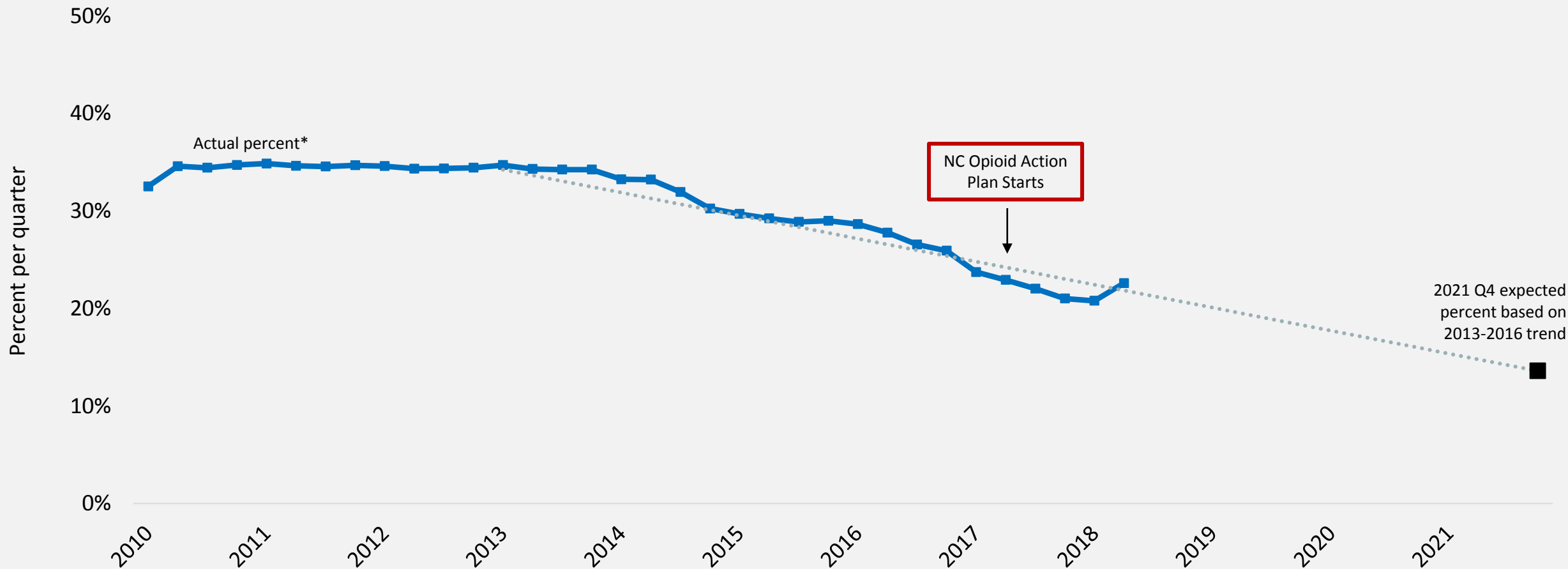
\*Data are subject to change as additional data are entered into the system  
 Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2018 Q2  
 Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# PERCENT OF PATIENTS RECEIVING MORE THAN AN AVERAGE DAILY DOSE OF >90 MME OF OPIOID ANALGESICS



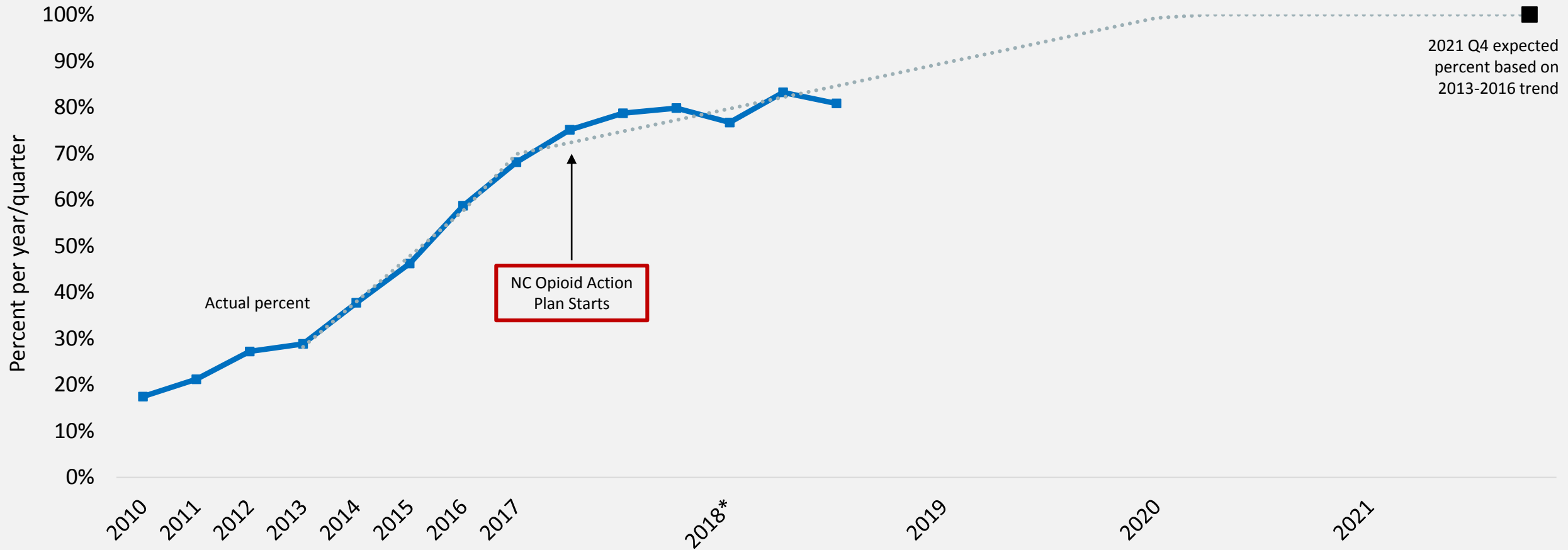
\*Data are subject to change as additional data are entered into the system  
Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010- 2018 Q2  
Detailed technical notes on all metrics available from NC DHHS; Excludes patients receiving Buprenorphine and Methadone; Updated October 2018

# PERCENT OF PRESCRIPTION DAYS ANY PATIENT HAD AT LEAST ONE OPIOID AND AT LEAST ONE BENZODIAZEPINE PRESCRIPTION ON THE SAME DAY



\*Data are subject to change as additional data are entered into the system  
 Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010- 2018 Q2  
 Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# PERCENT OF OPIOID DEATHS INVOLVING HEROIN OR FENTANYL/FENTANYL ANALOGUES<sup>^</sup>



\*Data are preliminary and subject to change

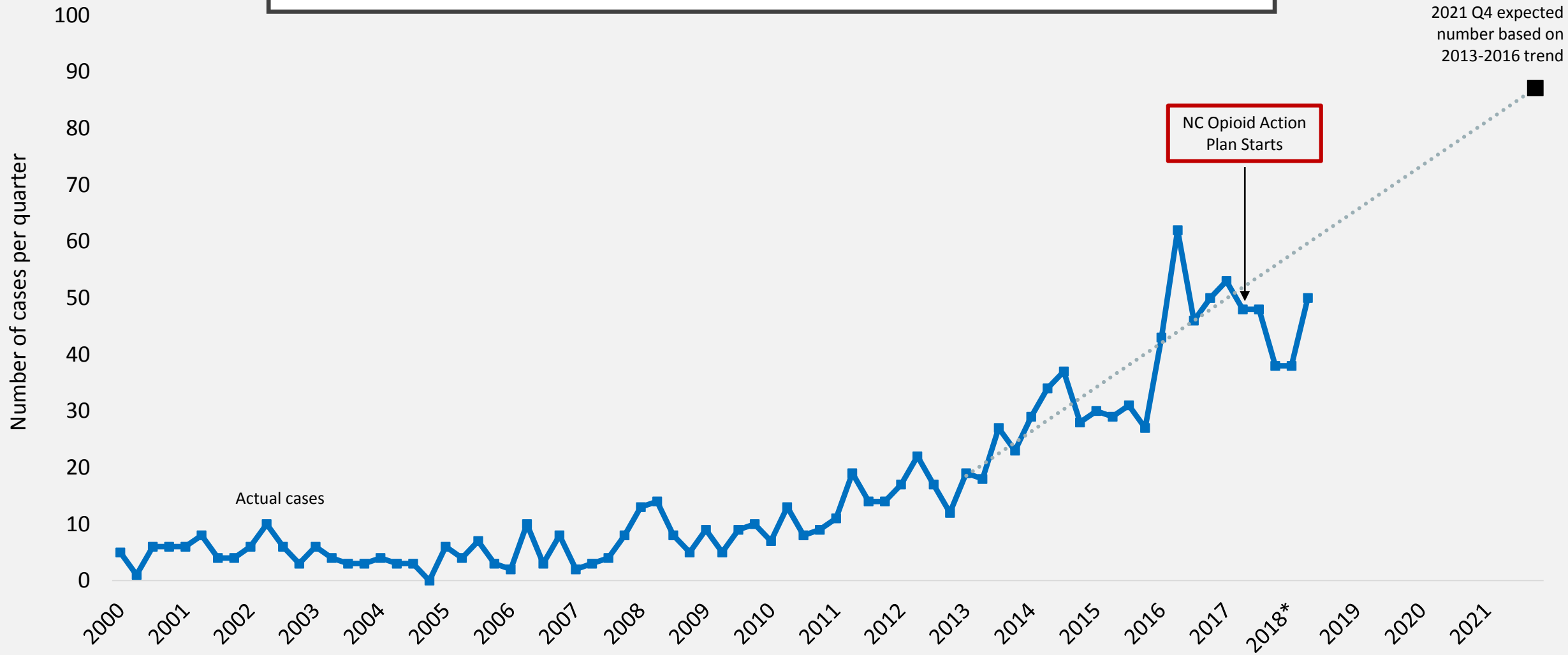
<sup>^</sup>Increasing numbers of deaths due to other classes of designer opioids are expected

Source: NC Office of the Chief Medical Examiner (OCME) and the OCME Toxicology Laboratory, 2010-2018 Q3

Detailed technical notes on all metrics available from NC DHHS; Quarterly data not available before 2017; Updated October 2018



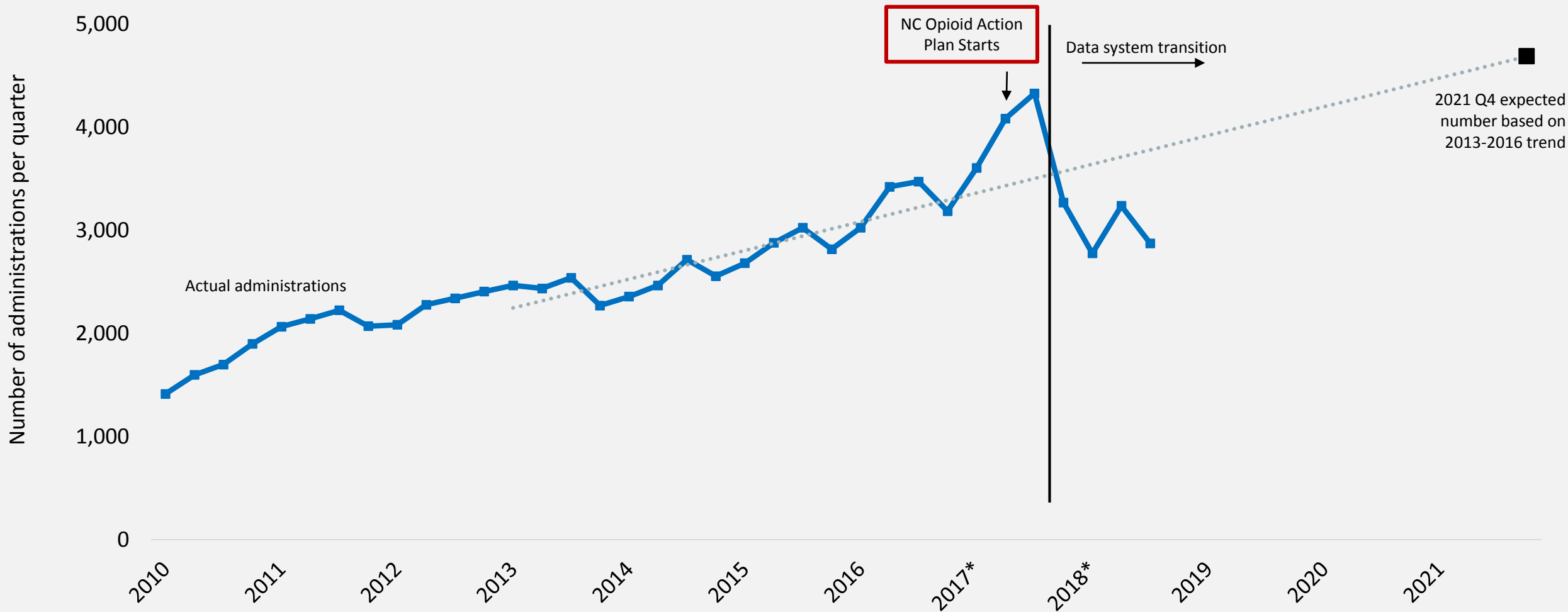
# NUMBER OF ACUTE HEPATITIS C CASES



\*Data are preliminary and subject to change

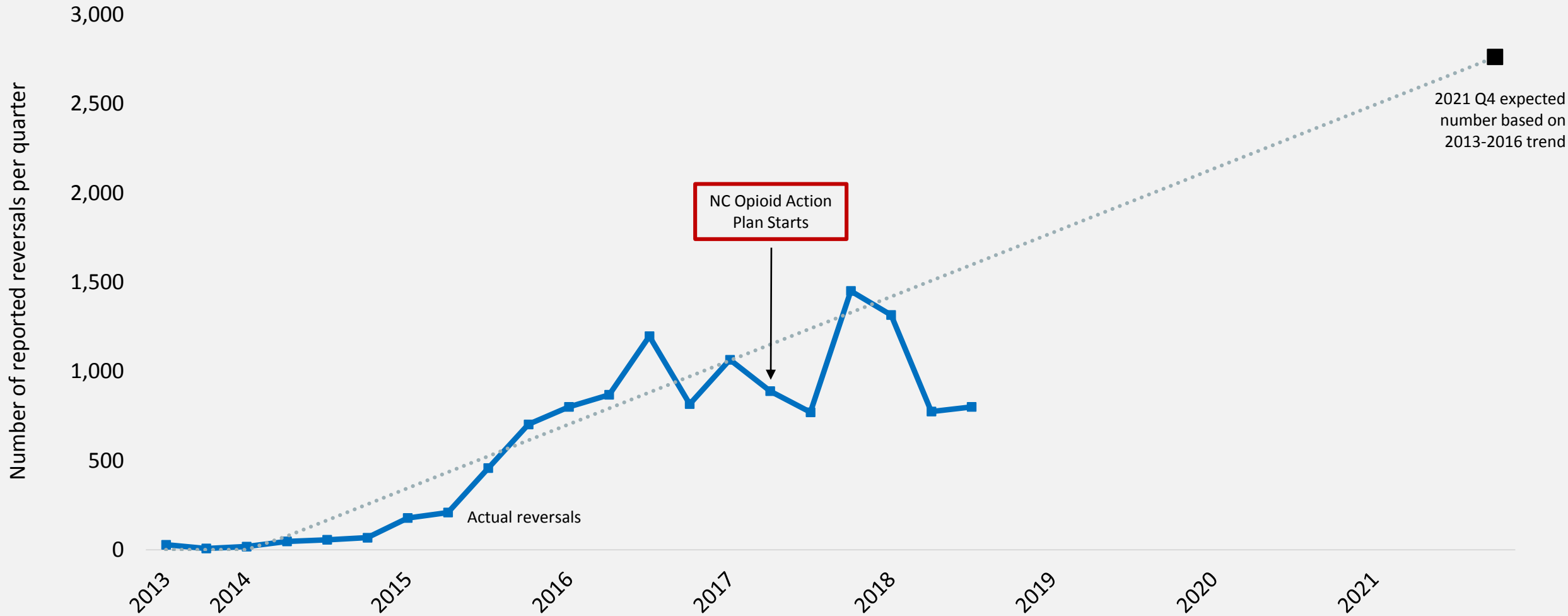
Source: NC Division of Public Health, Epidemiology Section, NC EDSS, 2000-2018 Q2  
Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# NUMBER OF EMS NALOXONE ADMINISTRATIONS

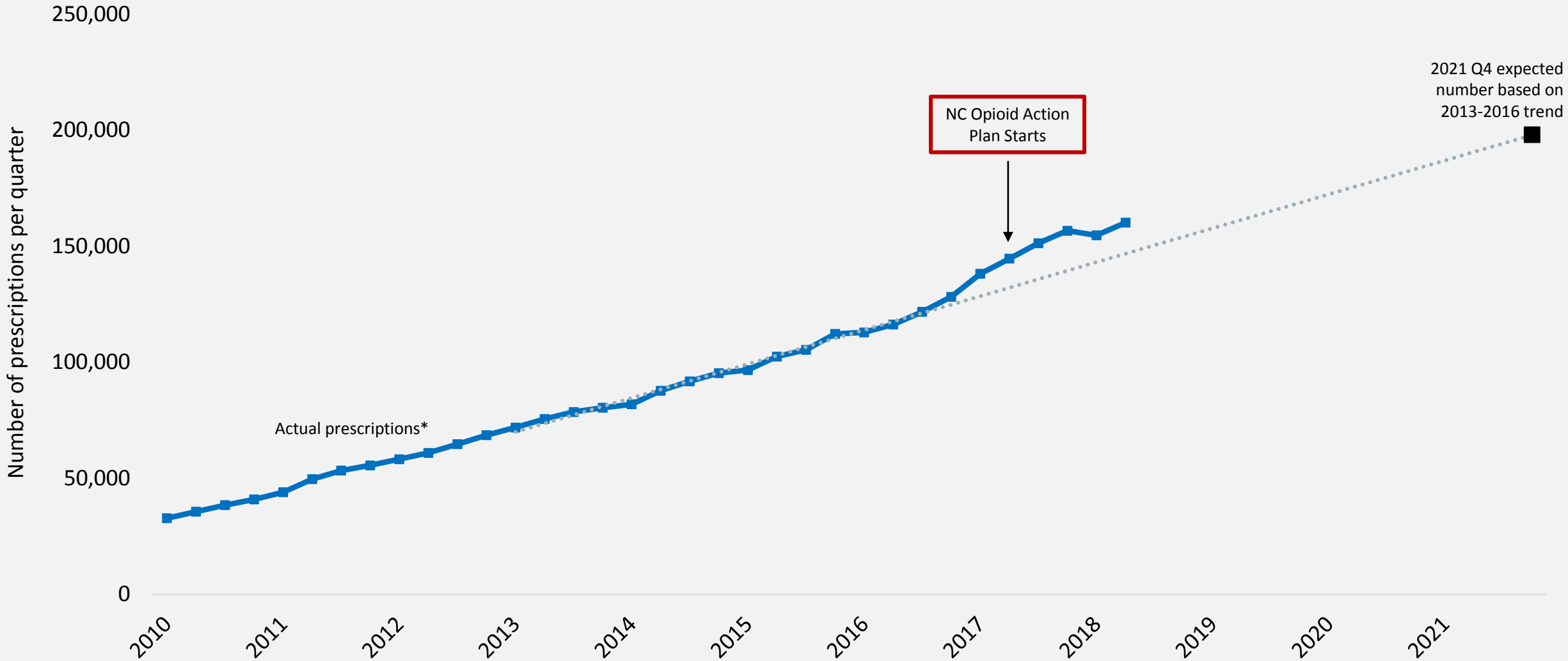


\*Data are preliminary and subject to change; NC currently transitioning to a new national EMS data system resulting in a decrease in counts beginning in 2017 Q4  
Source: NC Office of Emergency Medical Services (OEMS), EMSpic-UNC Emergency Medicine Department, 2010-2018 Q3  
Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# NUMBER OF REPORTED COMMUNITY NALOXONE REVERSALS

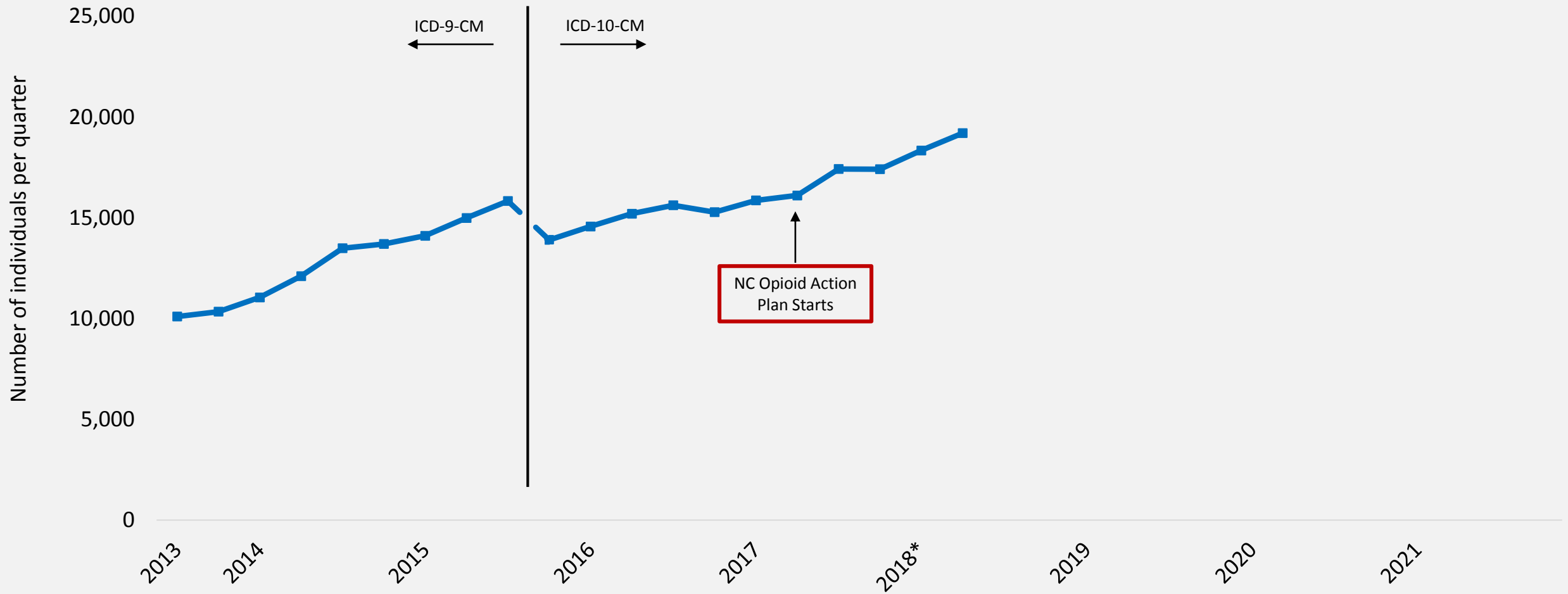


# NUMBER OF BUPRENORPHINE PRESCRIPTIONS DISPENSED



\*Data are subject to change as additional data are entered into the system  
Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2018 Q2  
Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# NUMBER OF UNINSURED INDIVIDUALS AND MEDICAID BENEFICIARIES WITH AN OPIOID USE DISORDER SERVED BY TREATMENT PROGRAMS



\*Data are preliminary and subject to change  
Source: NC Division of Mental Health, Claims Data, 2013 Q3- 2018 Q2  
Detailed technical notes on all metrics available from NC DHHS; Updated October 2018

# NUMBER OF CERTIFIED PEER SUPPORT SPECIALISTS (CPSS) ACROSS NC

