## METRICS FOR NC’S OPIOID ACTION PLAN

<table>
<thead>
<tr>
<th>Metrics</th>
<th>Baseline Data*</th>
<th>Most Current Provisional Data†</th>
<th>Quarterly Data</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OVERALL</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of unintentional opioid-related deaths to NC Residents (ICD-10)</td>
<td>342</td>
<td>406</td>
<td></td>
<td>2019 – Q1</td>
</tr>
<tr>
<td>Number of ED visits that received an opioid overdose diagnosis (all intents)</td>
<td>1,338</td>
<td>1,652</td>
<td></td>
<td>2019 – Q3</td>
</tr>
<tr>
<td><strong>Reduce oversupply of prescription opioids</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>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</td>
<td>30.0 per 100,000</td>
<td>16.9 per 100,000</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td>Total number of opioid pills dispensed</td>
<td>141,223,001</td>
<td>103,631,816</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td>Percent of patients receiving more than an average daily dose of &gt;90 MME of opioid analgesics</td>
<td>6.7%</td>
<td>4.4%</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td>Percent of prescription days any patient had at least one opioid AND at least one benzodiazepine prescription on the same day</td>
<td>25.9%</td>
<td>18.3%</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td><strong>Reduce Diversion/Flow of Illicit Drugs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent of opioid deaths involving heroin or fentanyl/fentanyl analogues</td>
<td>58.7%</td>
<td>88.9%</td>
<td></td>
<td>2019 – Q3</td>
</tr>
<tr>
<td>Number of acute Hepatitis C cases</td>
<td>50</td>
<td>50</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td><strong>Increase Access to Naloxone</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of EMS naloxone administrations</td>
<td>3,185</td>
<td>2,963</td>
<td></td>
<td>2019 – Q3</td>
</tr>
<tr>
<td>Number of community naloxone reversals</td>
<td>817</td>
<td>696</td>
<td></td>
<td>2019 – Q3</td>
</tr>
<tr>
<td><strong>Treatment and Recovery</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of buprenorphine prescriptions dispensed</td>
<td>128,090</td>
<td>162,271</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td>Number of uninsured individuals and Medicaid beneficiaries with an opioid use disorder served by treatment programs</td>
<td>15,372</td>
<td>21,335</td>
<td></td>
<td>2019 – Q2</td>
</tr>
<tr>
<td>Number of certified peer support specialists (CPSS) across NC</td>
<td>2,352</td>
<td>3,769</td>
<td></td>
<td>2019 – Q3</td>
</tr>
</tbody>
</table>

*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 2019, these data are provisional and subject to change.
NUMBER OF UNINTENTIONAL OPIOID-RELATED DEATHS TO NC RESIDENTS

Goal: 20% reduction from expected 2021 Q4 expected deaths based on 2013-2016 trend

Number of deaths per quarter

Actual deaths

*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, 1999-2019 Q1
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
**NUMBER OF OPIOID OVERDOSE ED VISITS**

*Data are preliminary and subject to change*

Source: NC Division of Public Health, Epidemiology Section, NC DETECT, 2009-2019 Q3

Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
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

*Data are subject to change as additional data are entered into the system

Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2019 Q2

Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
TOTAL NUMBER OF OPIOID PILLS DISPENSED

Number of opioid pills dispensed per quarter

Actual pills dispensed*

NC Opioid Action Plan Starts

2021 Q4 expected pills dispensed based on 2013-2016 trend

*Data are subject to change as additional data are entered into the system
Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2019 Q2
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
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, 2010-2019 Q2

Detailed technical notes on all metrics available from NC DHHS; Excludes patients receiving Buprenorphine and Methadone; Updated October 2019
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, 2010-2019 Q2
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
PERCENT OF OPIOID DEATHS INVOLVING HEROIN OR FENTANYL/FENTANYL ANALOGUES

*Data are preliminary and subject to change

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, 2010-2019 Q3

Detailed technical notes on all metrics available from NC DHHS; Quarterly data not available before 2017; Updated October 2019
NUMBER OF ACUTE HEPATITIS C CASES

Number of cases per quarter


NC Opioid Action Plan Starts

Actual cases

*Data are preliminary and subject to change
Source: NC Division of Public Health, Epidemiology Section, NC EDSS, 2000-2019 Q2
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
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, 2010-2019 Q3

Detailed technical notes on all metrics available from NC DHHS; Updated October 2019.
NUMBER OF REPORTED COMMUNITY NALOXONE REVERSALS

Source: NC Harm Reduction Coalition (NCHRC), 2013 Q3 - 2019 Q3
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
**NUMBER OF BUPRENORPHINE PRESCRIPTIONS DISPENSED**

- **Actual prescriptions**
- **NC Opioid Action Plan Starts**

*Data are subject to change as additional data are entered into the system*

Source: NC Division of Mental Health, Controlled Substance Reporting System, 2010-2019 Q2

Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
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 Q3-2019 Q2
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019
NUMBER OF CERTIFIED PEER SUPPORT SPECIALISTS (CPSS) ACROSS NC

Source: UNC-Chapel Hill, School of Social Work, Behavioral Health Springboard, 2010-2019 Q3
Detailed technical notes on all metrics available from NC DHHS; Updated October 2019